
Technical Publication 92-03

**A THREE-DIMENSIONAL
FINITE DIFFERENCE GROUND
WATER FLOW MODEL OF
THE FLORIDAN AQUIFER
SYSTEM IN MARTIN,
ST. LUCIE AND EASTERN
OKEECHOBEE COUNTIES,
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by

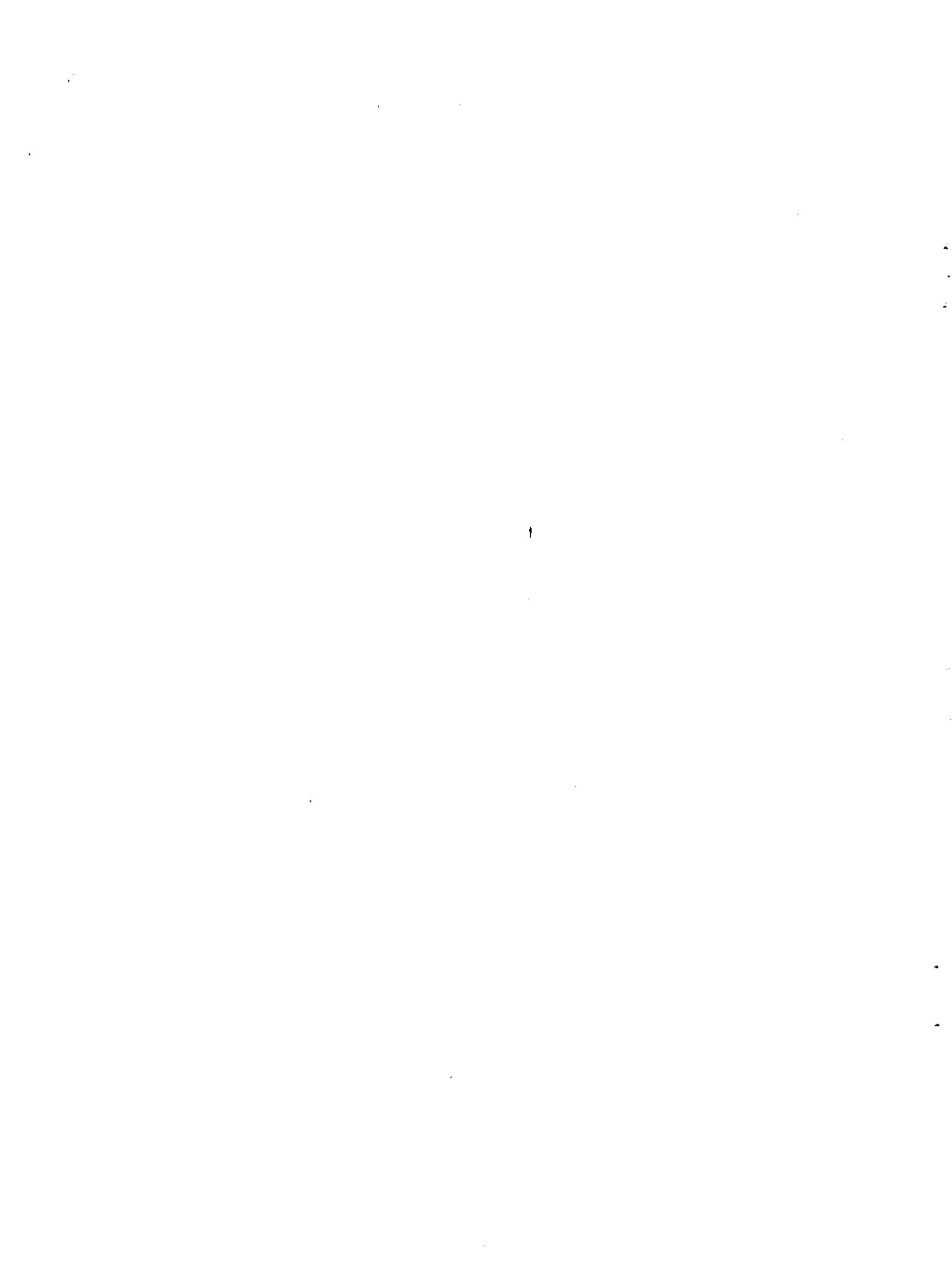
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April 1992

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**Hydrogeology Division
Department of Research and Evaluation
South Florida Water Management District
West Palm Beach, Florida**



EXECUTIVE SUMMARY

The Upper East Coast Planning Area (UECPA) ground water flow model simulating conditions in the Floridan Aquifer System was developed using the U.S. Geological Survey modular three-dimensional finite-difference ground water flow code, commonly known as MODFLOW. This code was used because it allows a detailed evaluation of ground water flow, it is available in the public domain, it is compatible with most computer systems, and it contains many features which make it easy to use and modify. MODFLOW simulates ground water levels and flow using data describing the aquifers, such as hydraulic conductivity, transmissivity, leakance, and storage. Stress on the aquifers also can be simulated, such as recharge and well withdrawals.

The Upper East Coast Planning Area consists of Martin, St. Lucie, and portions of eastern Okeechobee counties. It is underlain by two aquifer systems: the Surficial Aquifer System and the deeper Floridan Aquifer System. Ground water in the Floridan Aquifer System ranges from moderately to highly mineralized and is currently used almost exclusively for agricultural irrigation. The Floridan Aquifer System includes an upper aquifer and a lower aquifer. The upper aquifer contains major producing zones which yield water for agricultural and potable purposes. The lower aquifer is highly mineralized.

The ground water flow model is composed of four layers representing the Surficial Aquifer System, the Upper Floridan Aquifer, and two of the uppermost portions of the Lower Floridan Aquifer. Confining zones between aquifers are not represented by separate layers within the model. Rather, the confining zones are represented by vertical conductance terms within the top three layers of the model. The horizontal model grid has 54 rows and 53 columns, with a uniform spacing of one mile.

The model was calibrated by adjusting aquifer parameters to match computed water levels with observed levels for the period May 1989 through March 1991. Ground water withdrawal information for the calibration period was obtained from individual water use permits for irrigation issued by the South Florida Water Management District and St. John's River Water Management District. The permits supplied information on the location of wells,

their capacities and well construction data. Further information was obtained by asking the permit holders to estimate their water usage during the calibration period. This was done by mailing questionnaires to the majority of permit holders in the UECPA. The responses to these questionnaires, combined with data from the permits, were used to estimate actual monthly water use during the calibration period. In some cases, agricultural and public water supply monthly water use reports were submitted to the District. These also were used in the model.

Recommendations

This model should be used in the evaluation of water-use permit applications for the Floridan Aquifer System in the UECPA. Where a finer scale or site-specific model is required, the regional model could be used to provide the boundary conditions. The current SFWMD Basis of Review manual specifies a Floridan Aquifer System restricted allocation of 1.5 acre inches for areas within the eastern Okeechobee-northwestern St. Lucie Basin. The current maximum month restriction of 1.5 acre inches should be reviewed using this model. This should be done by making predictive model runs using the maximum withdrawals allowed and observing the impacts on water levels in the aquifer system. The model should continue to be refined and updated whenever additional information becomes available.

Minimum water levels should be established for the Upper Floridan Aquifer in the Upper East Coast Planning Area. All permitted withdrawals should be regulated to ensure the minimum levels are maintained. The establishment of minimum water levels should be a part of the development of the water-supply plan for this area. Model results indicate water quality deterioration in the Upper Floridan Aquifer is likely in the future, therefore, increased monitoring for dissolved solids and chlorides in the Floridan Aquifer System well water is recommended for areas where large water withdrawals are occurring.

Agricultural water use accounted for 90 percent of the Floridan Aquifer System water outflows in the UECPA for the 23 month time period modeled. Accurate estimates of the amount of water being used from Floridan Aquifer wells are essential

in maintaining an accurate ground water flow model. It is recommended that permittees be required to submit monthly water use reports to the District. The reports should indicate the amount of time wells were allowed to flow freely in each month of the year.

Model results and field observations indicate that water levels fluctuate as much as eight feet in three distinct areas in St. Lucie County where intense citrus irrigation withdrawals from the Floridan Aquifer System occur. Caution should be exercised when allocating new withdrawals, and restrictions on additional development of the Floridan Aquifer System should be considered in these areas.

Hydrogeologic studies should be undertaken in areas where existing information is scarce. The areas should be located where future use of the Floridan Aquifer System as a public water supply source is probable. Cities in Martin and St. Lucie counties are currently using the Surficial Aquifer System as a sole source of potable water. There is concern that this source may not provide enough water to meet future demands. The availability of water from the Surficial Aquifer System is limited due to the lack of storage capacity, problems with wetland impacts and susceptibility of the aquifers to contamination by various land use activities.

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ABSTRACT

A three-dimensional ground water flow model representing the Floridan Aquifer System (FAS) in the Upper East Coast Planning Area (the study area) was developed as a tool for evaluating the impacts on the aquifer system resulting from present and future water uses. The FAS flows naturally at land surface and is used primarily for citrus irrigation in the study area. The water is moderately to highly mineralized and is usually blended with surface waters before being applied to citrus trees. Despite its high total dissolved solids content, the aquifer is utilized extensively, especially in St. Lucie County.

The extent and composition of the FAS and three permeable zones within it were defined using previously available and newly collected data. With few exceptions, agricultural ground water supply wells are drilled to the upper portion of the FAS where water quality is best and adequate yields are attained. Model results showed the majority of recharge to the Upper Floridan Aquifer is from deeper portions of the Aquifer System. A smaller, less important, source of recharge is from the north and west model boundaries, coinciding with the boundaries of Okeechobee and Indian River counties.

Present permitted allocations seasonally lower ground water levels as much as eight feet in three distinct areas of St. Lucie County. Survey results indicate that permittees in these areas are observing increasing chlorides in their FAS well water. Water quality degrades with depth in the

FAS and intensive withdrawals increase the potential for upward movement of that degraded water. Additional development of the FAS is not recommended in these three areas encompassing 28 square miles in St. Lucie County.

At present demand levels, ground water from the FAS should be available to meet present and future agricultural needs in the UECPA without adversely impacting water quality or the ability for wells to flow naturally at land surface. The potential for further ground water development will be analyzed using this model by simulating future water use scenarios.

The FAS is utilized on a small scale as a source for public water supply on Hutchinson Island. The water is processed by reverse osmosis to render it potable. The aquifer is providing an adequate quantity for the current level of use. Model results indicate the FAS does not have large scale production potential east of the Intracoastal Waterway, north of Stuart. Previous studies indicate a structural anomaly (possible fault) exists, the axis of which follows the Intracoastal Waterway in a north to south direction. Permeability in the upper FAS is drastically reduced east of this anomaly as is the vertical hydraulic connection between the upper and lower FAS. These factors taken together are responsible for the low yielding wells observed on Hutchinson Island and limit future large scale development of the aquifer in this area.



INTRODUCTION

PURPOSE AND SCOPE

The purpose of this study was to develop a calibrated three-dimensional ground water flow model simulating the Floridan Aquifer System (FAS) underlying the Upper East Coast Planning Area (UECPA). Two aquifer systems underlie the study area, the shallow Surficial Aquifer System and the deeper FAS. There are over 1,300 permitted wells tapping the FAS in the study area, the predominant use being citrus irrigation. Agricultural water demands in the study area are met primarily by surface water and secondarily by FAS water. Public water supplies presently rely primarily on the Surficial Aquifer System rather than the FAS. However, attention is shifting toward the high yielding FAS to augment current public water supplies.

The model was developed as part of the South Florida Water Management District's (SFWMD) effort to develop regional comprehensive water supply plans. These plans will be based on quantitative assessments of the available water resources, of which the Floridan Aquifer is a significant component. Evaluation of existing water supply problem areas, identification of potential problem areas, and development of management guidelines will be integral components of these water supply plans. The model will have immediate use as a regulatory tool to the SFWMD in evaluating requests for large ground water withdrawals.

This report represents the third phase of a four phase Floridan Aquifer System resource assessment of the UECPA. The first phase was completed in 1980 and involved collection and compilation of data in the UECPA, namely structural, flow zone, and water quality mapping (Brown and Reece, 1979), aquifer test data and analysis (Brown, 1980) and lithologic, geophysical, and well construction data (Reece, Brown and Hynes, 1980). The second phase involved developing an interim two-dimensional numerical flow model to evaluate immediate permitting issues arising from large FAS water withdrawal requests (Bower, 1988). One of the recommendations of phase two was that as part of phase three, a three-dimensional calibrated model be developed using the USGS MODFLOW code. This three-dimensional model will be followed by a fourth phase which will include documenting and analyzing the latest resource assessment data gathered over the past three years. The next publication will

include recently gathered water quality data, structural and flow zone mapping, results from a multi-zone FAS Aquifer Performance Test (APT) conducted by the SFWMD in St. Lucie County, and discussions regarding water level fluctuations.

LOCATION OF STUDY AREA

The UECPA is located on the southeast coast of Florida and covers all of St. Lucie, Martin, and parts of Okeechobee counties within the SFWMD (Figure 1). The model area includes all of the UECPA and includes an area approximately five miles outward from the UECPA into the adjacent counties of Indian River, Palm Beach, Okeechobee, and Osceola. It lies generally within Townships 33 through 41 South and Ranges 35 through 43 East, and encompasses approximately 2,862 square miles, 1,500 of which are in the UECPA (Figure 2).

TOPOGRAPHY

Land surface is relatively featureless, with elevations ranging from 0 feet to 60 feet above the National Geodetic Vertical Datum (NGVD), averaging approximately 25 feet NGVD in most of the study area. The major feature is a ridge trending southeast, which occurs in the western portion of the study area. The ridge trends southeast starting in the northwest portion of the UECPA with a maximum elevation of approximately 60 feet above NGVD (Figure 3). The Floridan Aquifer System potentiometric surface is 5-35 feet above land surface in most of the study area, but is at or below land surface in the topographically high areas along the ridge where land surface is 45 feet (NGVD) or higher.

HYDROGEOLOGY

The two major aquifer systems underlying the study area are the Surficial Aquifer System and the Floridan Aquifer System. They extend from land surface to over 1,500 feet in depth. Figure 4 is a generalized hydrogeologic cross section taken from A-A' as shown in Figure 1. The scope of this document includes a brief summary of the hydrogeology which supports the model development. Readers interested in a more detailed discussion of the geology of the Floridan Aquifer System are referred to the following publications: Applin and Applin (1944), Cooke (1945), Puri and Vernon (1959), Stringfield (1966) and Tibbals (1991).

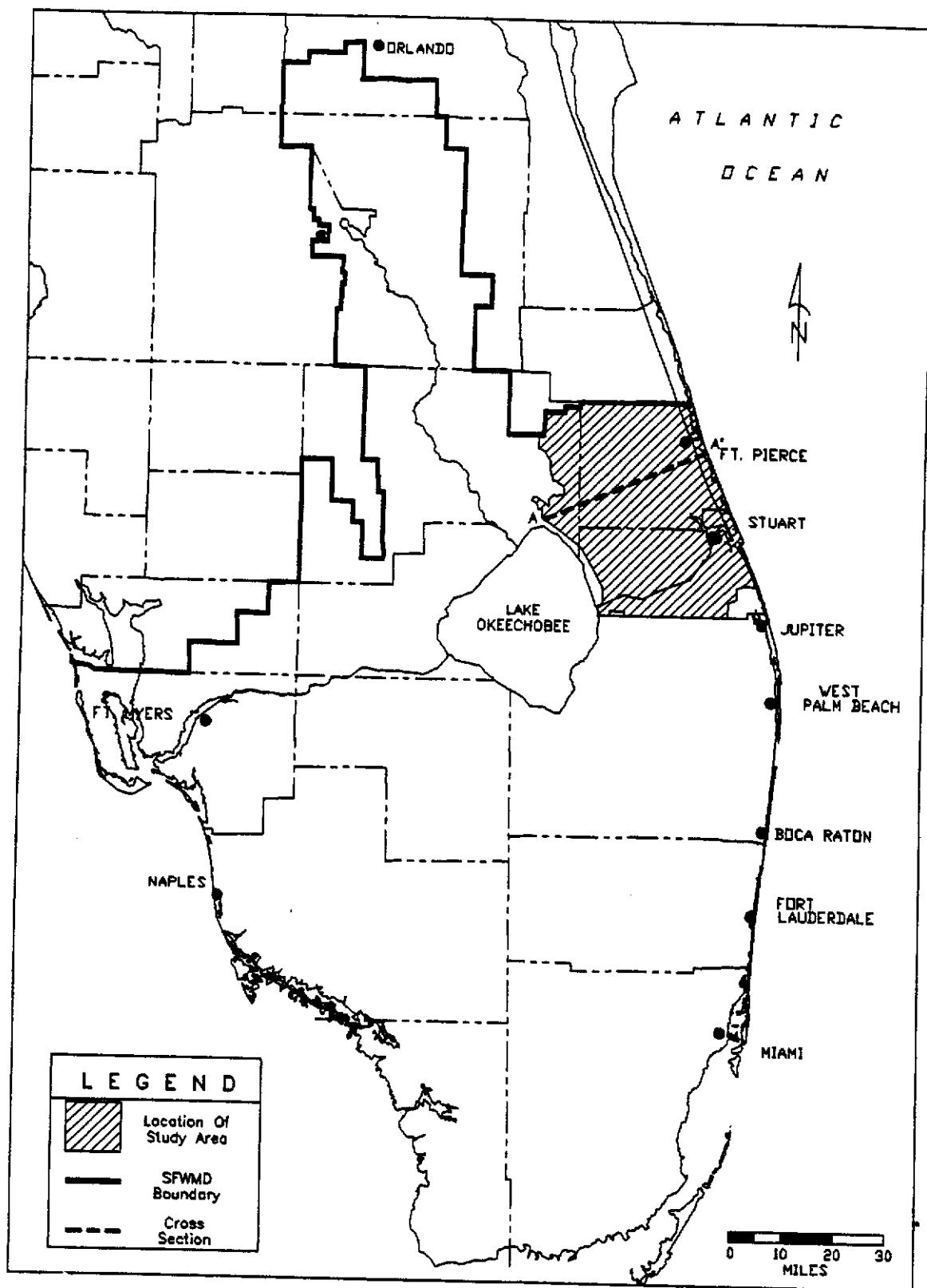


FIGURE 1: Location Map

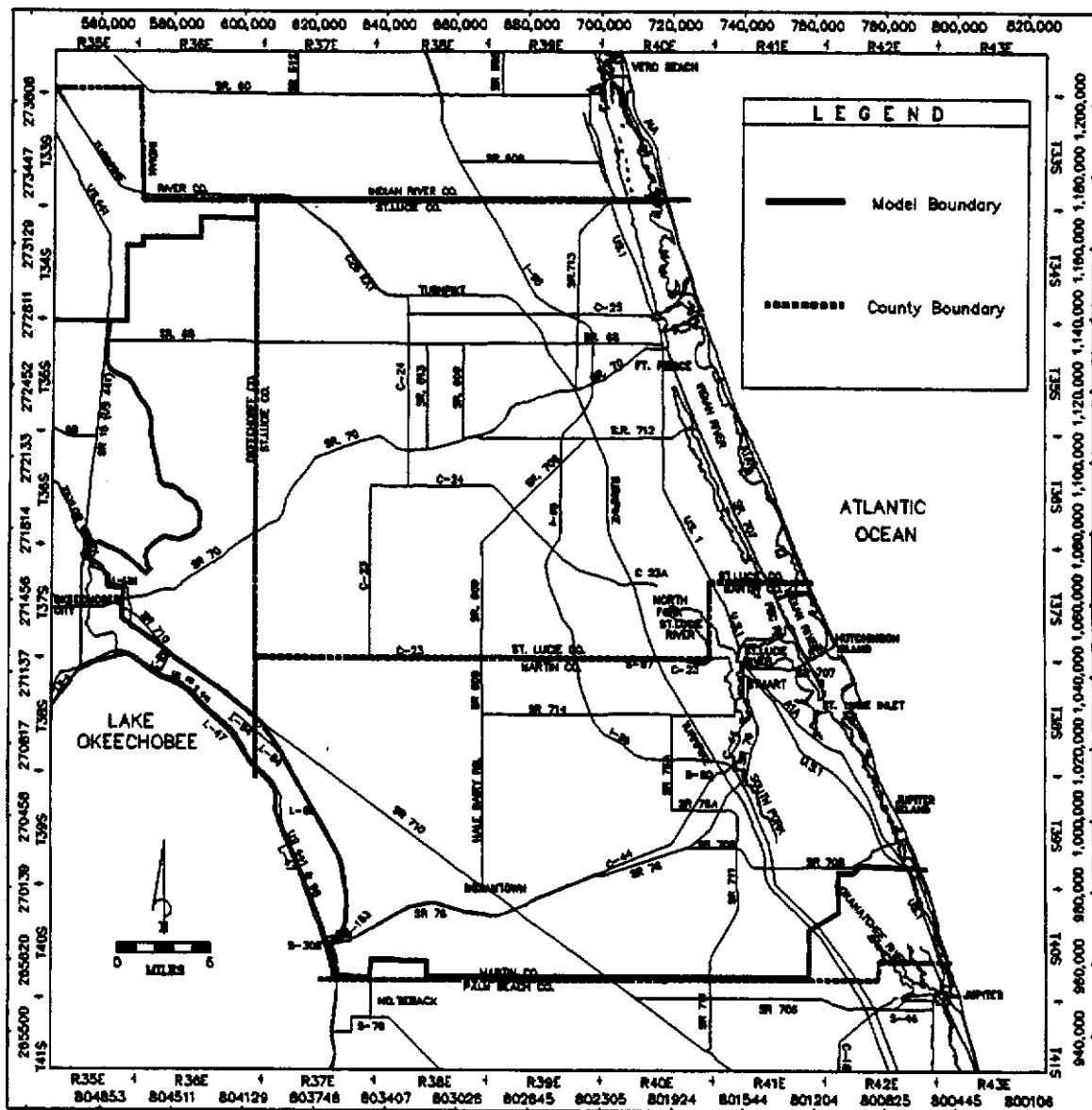


FIGURE 2. Study Area

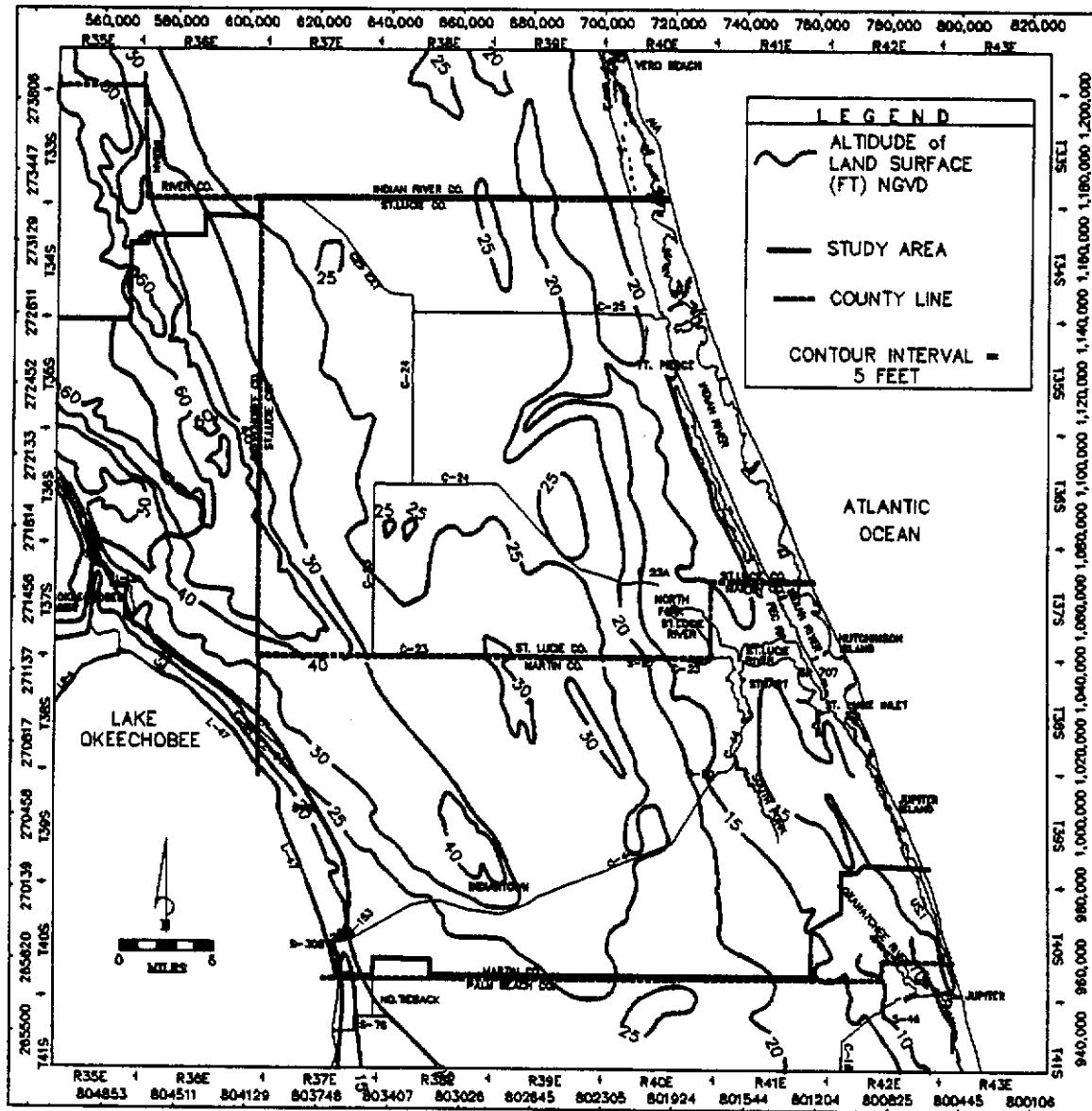


FIGURE 3: Topography of Study Area

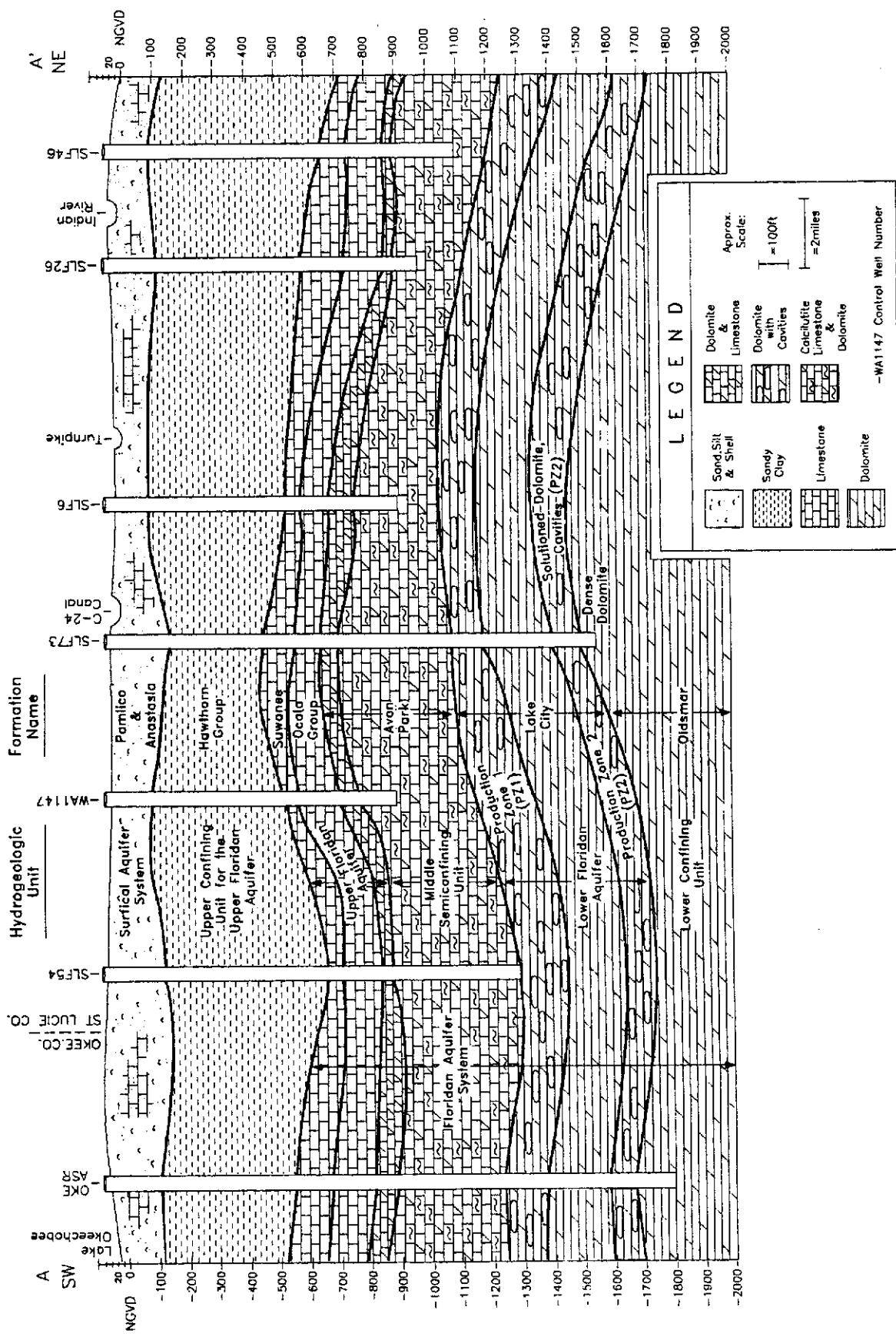


FIGURE 4.

Generalized Hydrogeologic Cross Section

Surficial Aquifer System

The uppermost water-bearing interval in the UECPA is the Surficial Aquifer System (SAS). The SAS is the source of most of the potable water used in Martin, St. Lucie and Okeechobee counties. It is comprised of all saturated sediments and rocks from the water table down to the clays and silts of the Hawthorn confining unit and is generally composed of two producing zones. The sediments are composed of unconsolidated fine to medium quartz sand with interbedded lenses of limestone, sandstone, shell and clay of late Miocene and Pleistocene age. These surficial geologic units are areally discontinuous and extremely difficult to correlate stratigraphically over large areas. Aquifer thicknesses range from less than 50 to greater than 250 feet (Brown and Reece, 1979).

The Surficial Aquifer System is unconfined and is recharged locally by rainfall, canals, ditches, small reservoirs, and irrigation water. A small amount of recharge is derived from downward seepage of irrigation water derived from the Floridan Aquifer System (Lichtler, 1960) and, to a lesser extent, upward leakage from the FAS.

Water leaves the Surficial Aquifer System by seepage to canals and ditches, direct flow into the Atlantic Ocean, evapotranspiration where the water table is near land surface, and by pumping wells.

The scope of this investigation does not include a detailed discussion of the Surficial Aquifer System. Due to its role as a primary supply of fresh water to the public, it is covered in two separate studies currently in review: A Three-Dimensional Finite Difference Ground Water Flow Model of the Surficial Aquifer System in Martin County, Florida (Adams, 1992) and A Three-Dimensional Finite Difference Ground Water Flow Model of the Surficial Aquifer in St. Lucie County, Florida (Padgett, in press). The reader is referred to these publications for a more detailed discussion of this aquifer system.

Upper Confining Unit

The upper confining unit consists of Miocene age sediments of the Hawthorn Group. The geologic contact between the Pliocene age basal surficial sediments and Miocene age Hawthorn sediments is conformable and nearly imperceptible. Lithologic logs generally describe the contact as a change from a gray-green silty sand to a dark green fairly dense clay. The upper confining beds are equated with the upper portion of the Hawthorn Group and are contained wholly within the Hawthorn Group (Wedderburn and Knapp, 1983). The sequence is composed of low permeability, phosphatic, silty and clayey sediments that separate and effectively

confine the FAS from the SAS over the entire UECPA study area.

The top of the upper confining beds in the study area is shown in Figure 5. Structurally, the top of the Hawthorn is highest in the northwest corner of St. Lucie County (-80 feet NGVD). It gently dips to the southeast across the study area, occurring as deep as -200 feet NGVD in the extreme southeast portion of Martin County. The thickness of the Hawthorn is somewhat variable (Figure 6), and follows a general thickening trend to the southeast. It is thinnest (250 to 300 feet thick) in the northwest corner of the study area, thickens gradually to the south up to State Road 70 (St. Lucie County), where it flattens out and remains a constant 400-450 feet of thickness into Martin County near State Road 76. Here the Hawthorn Group begins to thicken to the southeast, getting as thick as 750 feet in extreme southeast Martin County.

The Hawthorn Group is separated into two formations (Scott, 1988). They include an upper silty, clayey, phosphatic, fine to very fine grained clastic zone (Peace River Formation) and a lower carbonate zone (Arcadia Formation) that is interbedded with low permeability carbonate muds and clays. The upper zone is generally devoid of permeable intervals. It varies in thickness from 100 to 300 feet. Rubble beds are sometimes present near the base of the upper zone and give a characteristically high response on natural gamma ray logs (Knapp, 1988).

Directly below the rubble beds is a dense dolomite layer sometimes described by local drillers as chert. This dolomite layer is typically between 3 to 10 feet thick and marks the top of the lower carbonate zone. Because of its consolidated, indurated nature, drilling contractors typically use this interval as an anchor to set the base of surface pipe when constructing FAS wells. Most FAS wells are completed as open hole below this dolomite layer. Below the dolomite bed and above the Floridan Aquifer are low permeability, poorly indurated limestones interbedded with calcareous clays and silts. The clay content typically increases with depth until the unit becomes dominated by sandy, plastic, olive gray clay. Thin beds of silty sand and shell also are found in this interval. The potential of the lower section of the Hawthorn to yield water was investigated by Hydro Designs (1988). The results were inconclusive; however, the potential is generally considered poor.

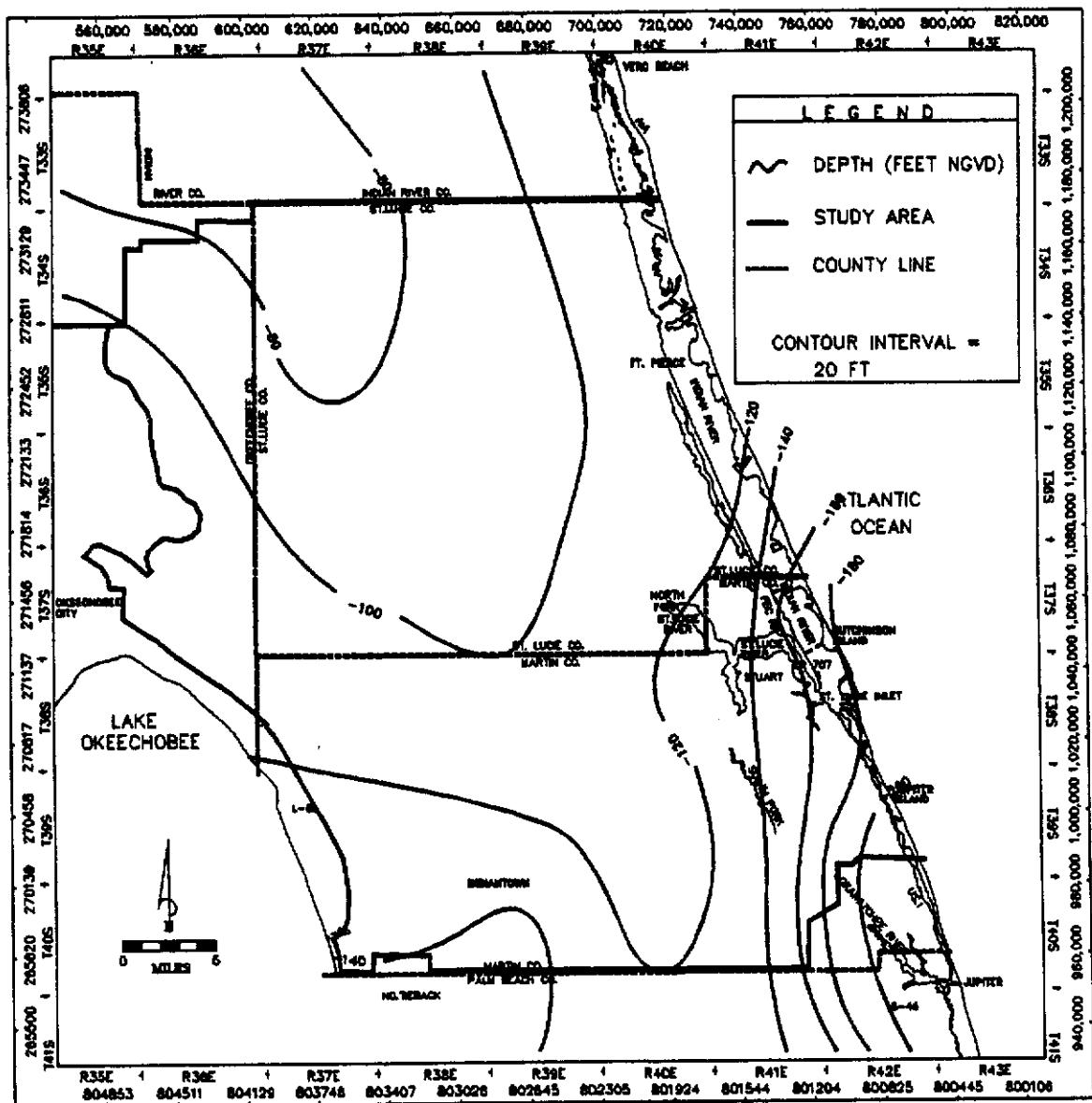


FIGURE 5: Top of the Upper Confining Interval

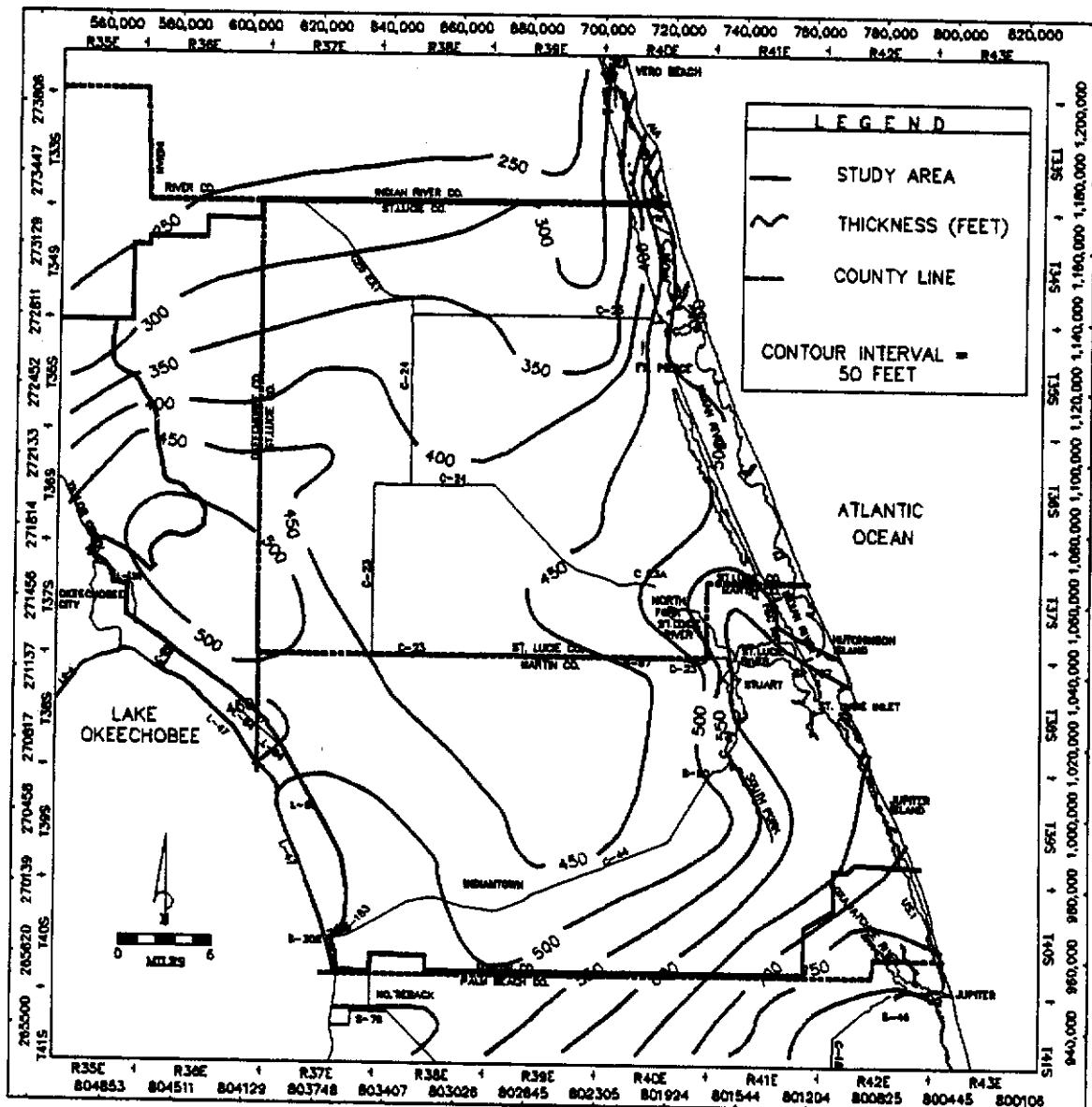


FIGURE 6: Thickness of the Upper Confining Interval

Floridan Aquifer System

Underlying the upper confining beds is a sandy, chalky, phosphatic limestone. Based on the definition by Parker and others (1955), this limestone unit is considered to comprise the upper portion of the Floridan Aquifer System. The phosphatic component of this unit makes it easily identifiable on gamma ray logs as peaks or intervals of high natural gamma ray activity. Wells completed to this interval or deeper flow naturally at ground level in most of the UECPA.

The Floridan Aquifer System is composed of a sequence of limestones, dolomitic limestones, and dolomites ranging in age from Eocene to early Miocene. It persists areally and ranges from 2,700 to 3,400 feet thick in the UECPA (Miller, 1982). The top occurs at -300 feet NGVD in the extreme northwest corner of the study area and dips to the southeast where it is found at -900 feet NGVD in the extreme southeast corner (Figure 7). Few wells penetrate the entire thickness of the FAS.

The Floridan Aquifer System is classified as an aquifer "system" because multiple permeable intervals sandwiched between confining materials exist in this thick sequence of carbonates. Permeable zones are identified using downhole flowmeter and temperature tools. Flow meter and temperature logs show that each permeable zone contributes varying amounts of flow to the borehole. Flow (permeable) zones are associated with solution cavities and formation unconfornities, the latter being correlatable over large regions (Brown and Reece, 1979).

Tibbals (1991) divided the FAS into two aquifers based on the vertical occurrence of two highly permeable zones. These two aquifers are the "Upper Floridan" and the "Lower Floridan" aquifers. The two are separated by a low permeability confining interval dubbed the "middle semi-confining unit". The term Lower Floridan Aquifer should not be confused with the basal portion of the Lower Floridan Aquifer typically referred to as the "boulder zone". Tibbals' nomenclature is adopted in describing the hydrogeology and in model conceptualization for this UECPA study.

The Upper Floridan Aquifer (UFA), in the UECPA, is approximately 500 feet thick and composed of two continuous, correlatable flow zones. These flow zones are penetrated by most wells in the UECPA. They occur along unconformities between the Suwannee Formation and the Ocala Group, and the Ocala Group and the Avon Park Formation (Figures 8 and 9). These stratigraphic

unconformities are areally persistent and easily mapped over the study area (Brown and Reece, 1979). However, additional flow zones exist in the UFA that are much harder to correlate. These somewhat random zones are created by solutioning and dolomitization and are not stratigraphically controlled. The UFA was found to have from one to as many as eight separate flow zones associated with it.

The middle semi-confining unit was found at -900 feet NGVD in test well SLF-73 located in central St. Lucie County (C-24 & Shinn Road). It is approximately 200 feet thick and consists largely of chalky calcilutite interbedded with limestones and dolomites. Chalk and calcilutite are relatively impermeable and account for the confining nature of this unit at SLF-73. Few wells in the UECPA fully penetrate the middle semi-confining unit; therefore, data on its variability in thickness and lithology are limited. The confining unit is evident in deep well data (wells generally deeper than 1,000 feet) in the study area.

The upper permeable portion of the Lower Floridan Aquifer (ULFA) was penetrated by deep wells drilled in the study area. It follows the same structural trend as the UFA and is found 200 to 400 feet below its base (Figure 10). The ULFA is 400 feet thick and occurs approximately -1,100 feet NGVD in well SLF-73, central St. Lucie County. Hydraulic testing of this zone was conducted at three sites in St. Lucie and Okeechobee counties. One of these tests was conducted for the SFWMD by an engineering firm (CH2M Hill, 1989); a second test was conducted by the SFWMD (unpublished C-24, St. Lucie County APT Test at SLF 73) and a third test was conducted by Ebasco for Florida Power and Light (1990). The well names respectively are OKEEASR-DEEP, SLF-73, LFM-1. The first two aquifer performance tests (APT's) listed above were performed by the SFWMD to determine the ability of the Lower Floridan interval to store water. The technology of injecting and storing fresh water in an aquifer for future recovery is commonly referred to as Aquifer Storage and Recovery (ASR). This portion of the Lower Floridan was determined to have good potential as an ASR target horizon due to its capacity to receive large volumes of injected water pumped from surface water bodies. This capacity is due to its high porosity and permeability.

The ULFA is traceable throughout the study area. Sources of available data include the two ASR sites mentioned above (CH2M Hill, 1989, SLF-73), two Florida Power and Light cooling water supply wells near Indiantown (Ebasco, 1990), as well as lithologic and geophysical logs from injection wells.

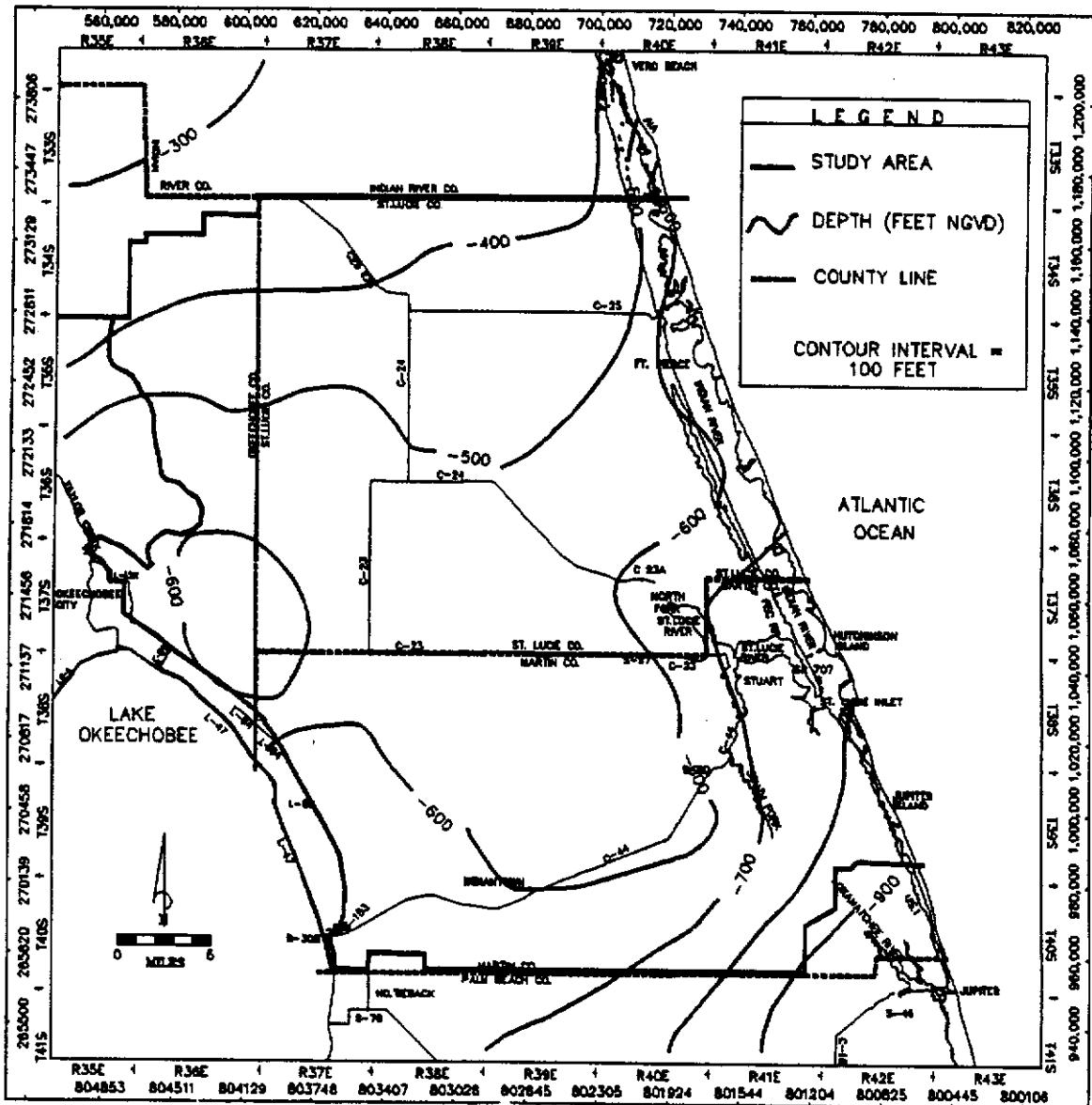


FIGURE 7: Top of the Floridan Aquifer System

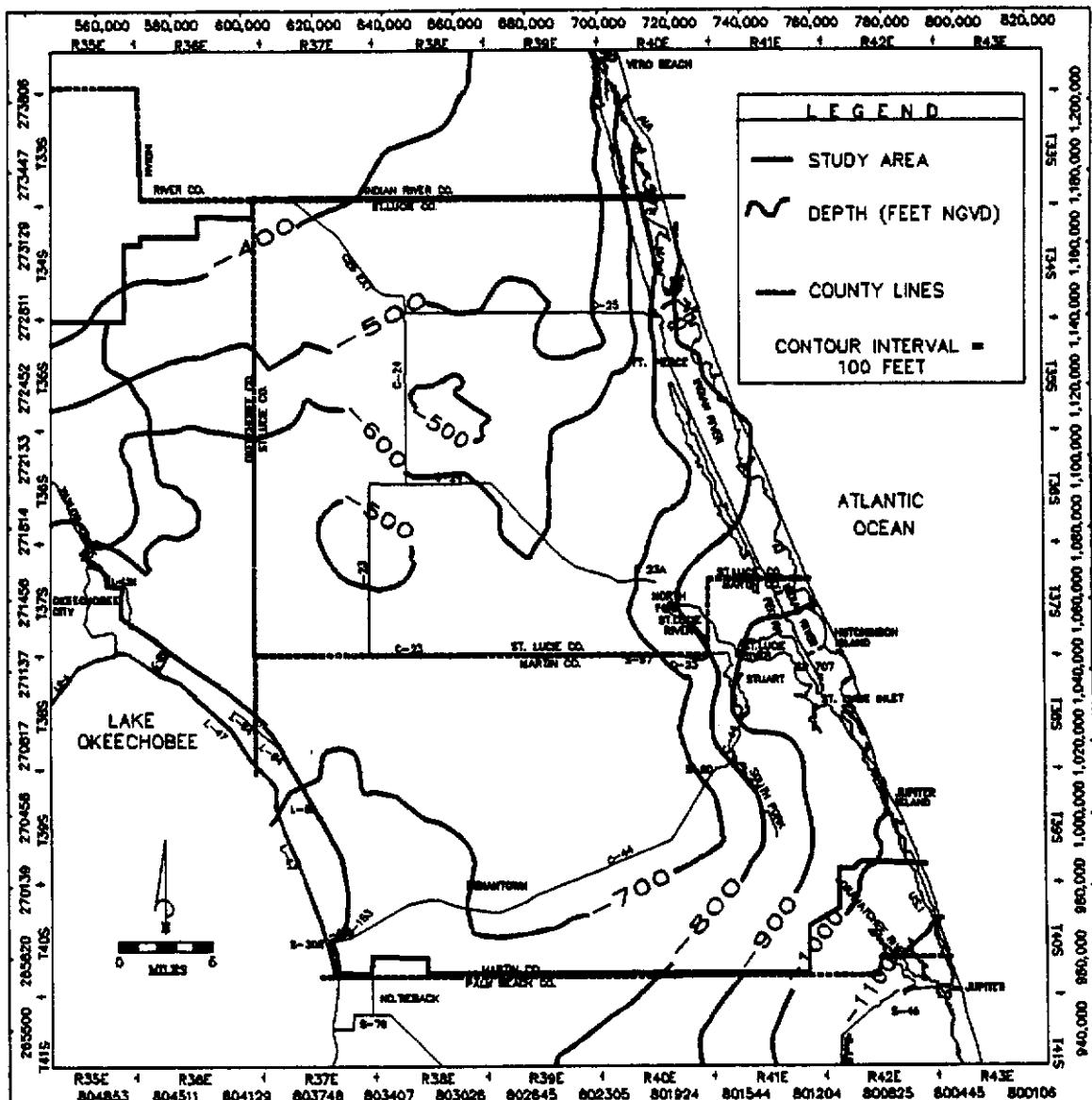


FIGURE 8: Depth to the Unconformity Between the Suwannee Formation and the Ocala Group

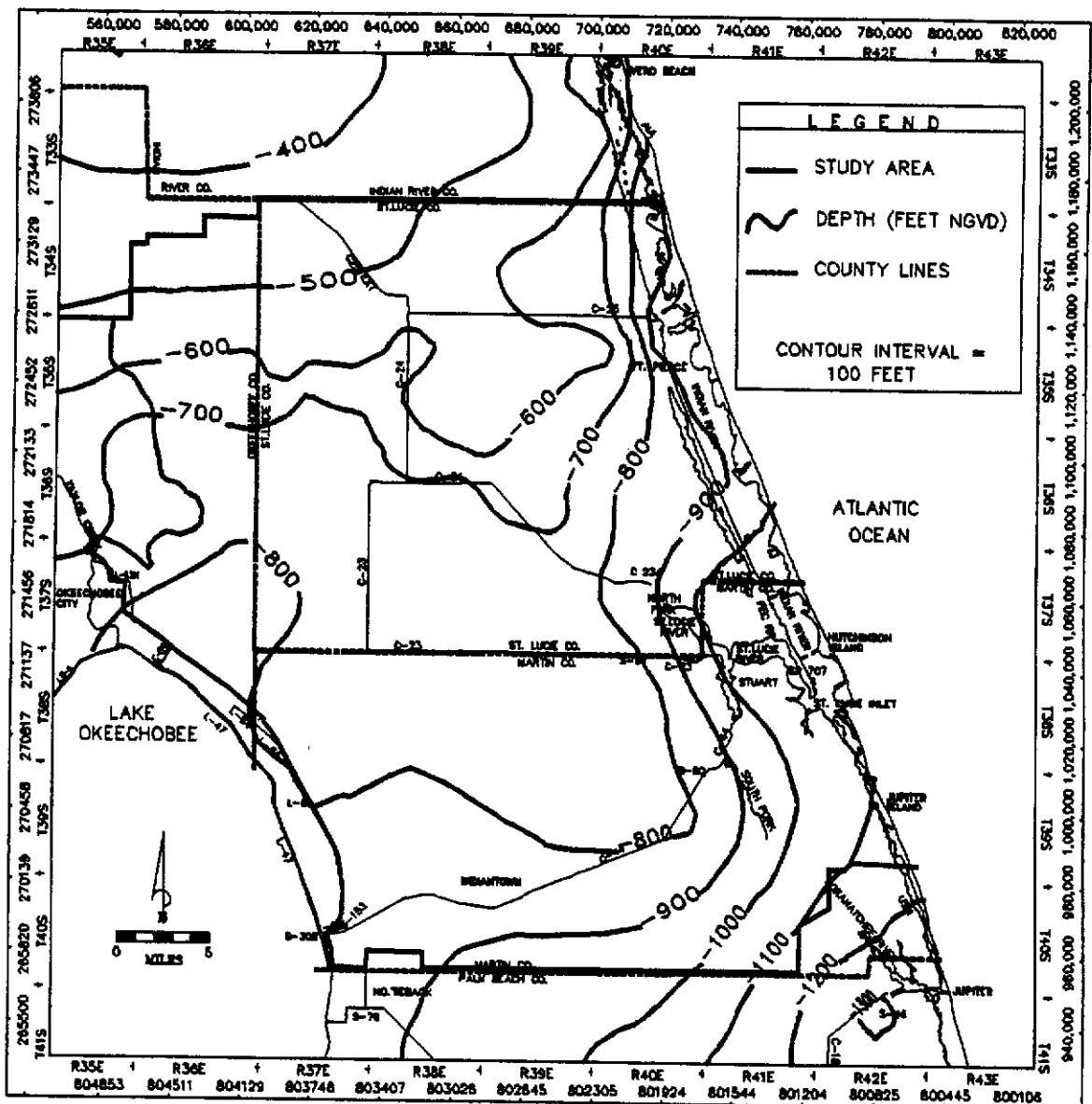


FIGURE 9: Depth to the Unconformity Between the Ocala Group and the Avon Park Formation

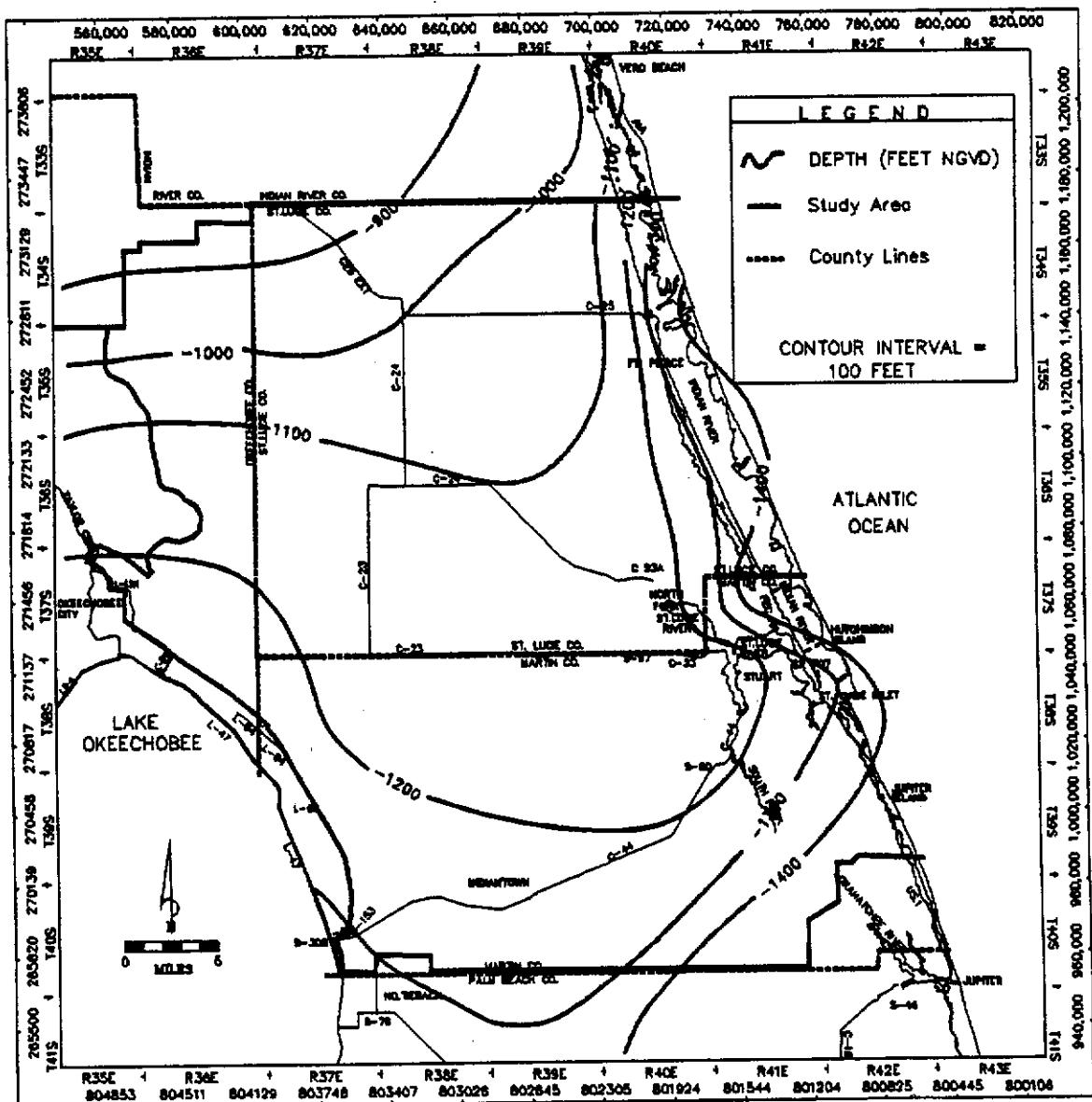


FIGURE 10: Top of Lower Floridan Aquifer Producing Zone 1

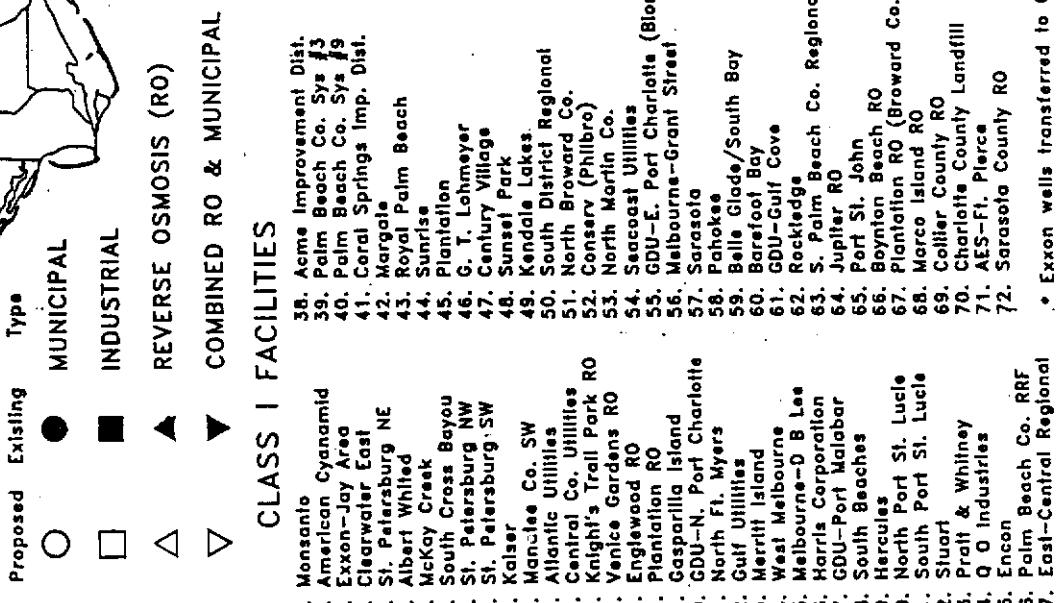
Data collection associated with the construction of injection wells typically does not provide detailed data for this portion of the aquifer; the target (the Boulder Zone) is approximately 1,500 feet deeper. However, in most cases, open hole geophysical logs are run before casing is set, and flowmeter and temperature logs from injection wells demonstrate the persistence of the ULFA in the study area.

Borehole geophysical and drill stem tests performed at ASR sites indicate the permeability is cavernous in nature. The cavities occur in two distinct places within the upper 400 feet of the ULFA, separated by an interval of low permeability. The top of the upper and lower cavity systems are found at -1,100 feet NGVD and -1,400 feet NGVD, respectively, at well SLF-73. For ease of reference, hereafter these zones are referred to as the Lower Floridan Aquifer permeable zone 1 (LFAPZ1) and the Lower Floridan Aquifer permeable zone 2 (LFAPZ2) in descending order (refer to Figure 14). Water samples were collected from the LFAPZ1 and the LFAPZ2 intervals using drill stem packers in well SLF-73 and were analyzed for several parameters including, total dissolved solids (TDS) and chlorides. Water samples also were collected from the confining unit between the two intervals and analyzed for TDS and chlorides. The laboratory analyses of the samples collected indicate that water quality is significantly different in each of the permeable zones. Dual packer tests and geophysical logs run in the 250 foot thick interval between flow zones demonstrate its confining nature. Measured heads in LFAPZ1 and LFAPZ2 were nearly the same (approximately 39 feet above NGVD).

Below the ULFA, water quality deteriorates rapidly with depth. An extremely thick confining interval of dense limestones and dolomites extends approximately 1,500 feet below the ULFA. The thickness and lack of porosity in these confining beds effectively preclude water movement.

Underneath the thick confining interval below the ULFA is a highly permeable interval known informally as the Boulder Zone. The Boulder Zone is an extremely permeable, cavernous section at the base of the lower FAS. Its unofficial name was coined from drillers who describe it as drilling a layer of loose, boulder size rocks. It does not significantly affect the Floridan Aquifer System (Tibbals, 1991), because it is hydraulically separated from it. The water levels generally fall below ground level, considerably lower than levels in the Floridan Aquifer System which rise on average 15 feet above ground level. The Boulder Zone is important in south Florida only from the perspective of disposing wastewater through injection wells. Injection wells are receptacles for secondarily treated wastewater and industrial wastes and are located throughout most of southeast Florida (Figure 11). Stratigraphically, the Boulder Zone is in the Oldsmar Formation, which represents the oldest Eocene Age sediments in the section. It is approximately 3,100 to 4,100 feet deep in the UECPA (Miller, 1982b).

FIGURE 11. Location of Class I Injection Facilities in Florida (Adapted from DER)



MODEL DESCRIPTION

INTRODUCTION

The U.S. Geological Survey modular three-dimensional finite difference ground water flow model code (McDonald and Harbaugh, 1988), commonly known as MODFLOW was used in this study. This code was selected for the following reasons:

1. It is available in the public domain.
2. It is compatible with most computers with only minor modifications.
3. The modular structure and excellent documentation allow easy modification and the addition of new modules for specialty applications.
4. MODFLOW allows good flexibility of data file structure and management. This facilitates the utilization of and interaction with other software for data manipulation.
5. The ability to record cell-by-cell flow terms feature of the code can be used to:
 - A. Evaluate in detail, flow and head changes associated with various withdrawal scenarios, and
 - B. Generate boundary conditions for higher-resolution models within the regional flow model.

The MODFLOW code contains modules which simulate recharge, evapotranspiration, rivers, drains, wells, and other sources and sinks of water external to the model. The modules utilized for this model are shown in Table 1. Three iterative solution schemes are available for simulating flow problems: slice successive over relaxation (SSOR), strongly implicit procedure (SIP), and the preconditioned conjugate gradient (PCG) method (Kuiper, 1987). SSOR is the better solution method for some strongly layered conditions. However, it is not as direct as SIP; therefore, it requires more time to arrive at a solution. SIP was used for this model application with favorable results.

DISCRETIZATION

Discretization is the process of breaking a continuous section into a set of discrete elements or cells by use of a grid to represent the system numerically. The study area was discretized into a horizontal grid of 54 rows and 53 columns. The cells in the grid are equidimensional and measure one

mile (5,280 feet) a side. The origin of the model grid was set to correspond as closely as possible with the government survey grid, with each model cell representing approximately one section of land (Figure 12). Variations in the survey grid made this somewhat difficult, especially in Okeechobee County, but overall the fit was good.

MODFLOW offers two options for vertical discretization. In a fully three-dimensional model, the confining zones are represented in the model as individual layers. Values of transmissivity, storage, and vertical hydraulic conductivity for the confining zone are required for this approach. A fully three-dimensional model would more accurately simulate flow conditions where horizontal flow in the confining zone is an important part of the flow regime. In a quasi-three-dimensional model, the confining zones are not represented as individual layers, but as vertical conductance terms (V_{cont}) for beds separating the model layers representing aquifers. Within the study area, the values of hydraulic conductivity exhibited by the aquifers are several orders of magnitude greater than those in the confining zones. Therefore, it can be assumed that on the regional scale of the model flow in the aquifers is primarily horizontal, and flow across the confining zones is primarily vertical, and the quasi-three-dimensional approach is a good approximation of the ground water flow regime in the UECPA.

The UEC FAS model contains four layers (Figure 13). Layer 1 represents the Surficial Aquifer System, layer 2 the UFA, layer 3 and 4 represent LFAPZ1 and LFAPZ2, respectively. A more thorough breakdown including brief layer description follows.

Layer 1: Surficial Aquifer System (SAS). The interval between ground level and the top of the Hawthorn Group is approximately 90-240 feet in depth and composed of fine to medium sands, shell, limestone, sandstone, silt and clays. Lithology alternates in composition with depth and is lumped together as one unconfined layer.

Layer 2: Upper Floridan Aquifer (UFA). The UFA includes a series of flow zones associated with solution cavities and erosional surfaces. The UFA, despite its multiple flow zones, was simulated as one model layer rather than multiple layers for three reasons: 1) the vast majority of permitted irrigation wells completed into the Upper Floridan Aquifer

TABLE 1. MODFLOW PACKAGES USED IN THE UECPA MODEL

| MODFLOW PACKAGE | FUNCTION | USE IN MODEL |
|-----------------------------------|---|--|
| BASIC | Model Administration | Used |
| BLOCK CENTERED FLOW | Computation of conductance and storage components of finite-difference equations. | Used |
| WELL | Simulates a source/sink to the aquifer that is not affected by heads in the aquifer. | Used to represent discharge from irrigation and public water supply water use. |
| GENERAL HEAD BOUNDARY | Simulates a source/sink of water providing recharge/discharge to the aquifer at a rate proportional to the head difference between the source/sink and the aquifer. | Used along all model boundaries in layers 2 and 3. |
| STRONGLY IMPLICIT PROCEDURE (SIP) | Solves the model's finite difference equations using the Strongly Implicit Procedure. | Used |
| OBSERVATION NODES | Generates a file of computed water levels for selected model cells. | Used to generate comparative hydrographs and calibration agreement. |

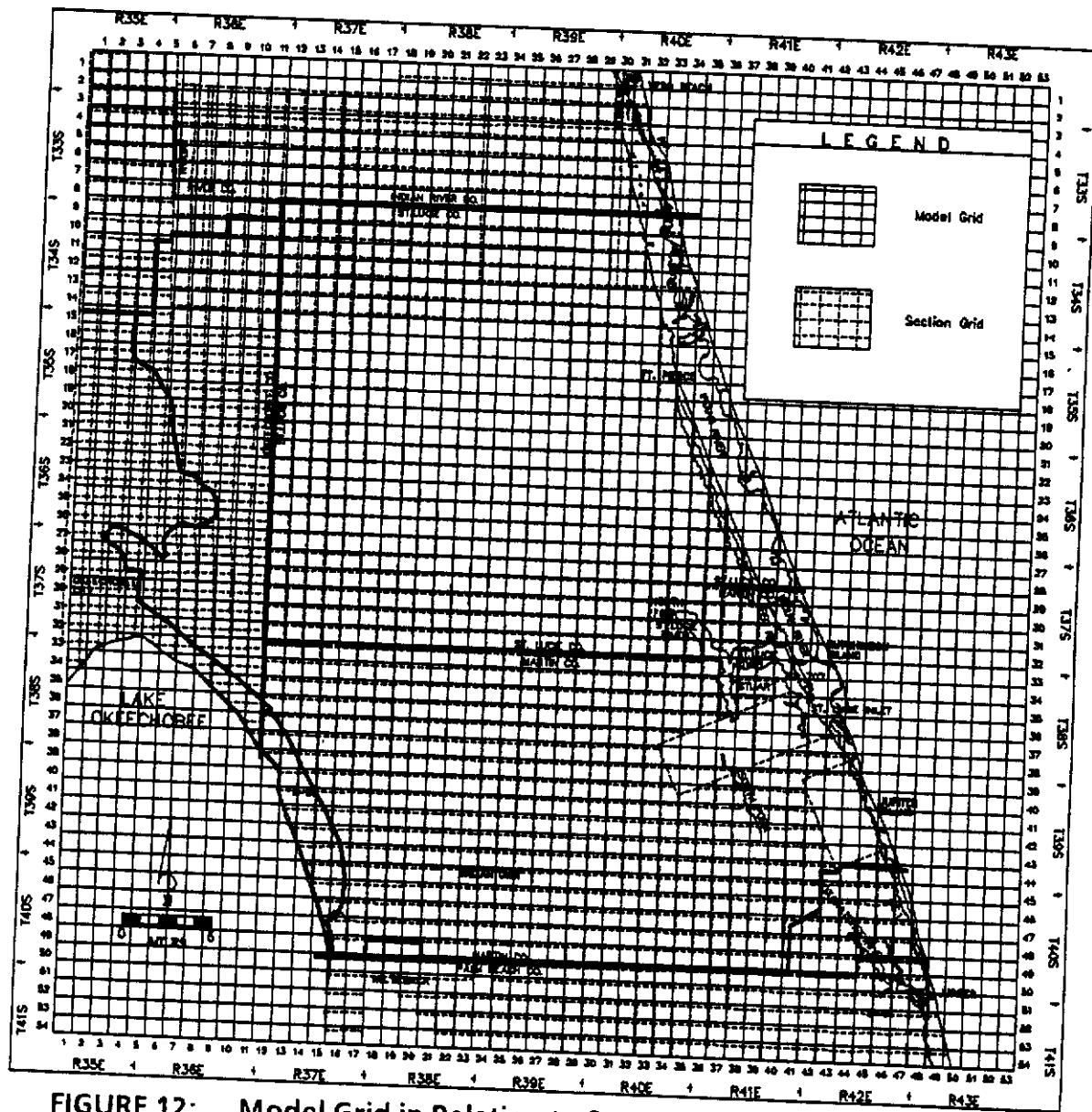


FIGURE 12: Model Grid in Relation to Surveyed Section Borders

| Hydrogeologic Units | | Equivalent Layers In Computer Model | |
|-----------------------------------|--|---|--|
| Surficial Aquifer System (SAS) | | Layer 1 Constant Head | |
| Upper Confining Unit | | Layer 1 Vcont | |
| Upper Floridan Aquifer (UFA) | | Layer 2 (Variable Head) | |
| Middle Semi-Confining Unit | | Layer 2 Vcont | |
| Upper Permeable Zone (LFAPZ1) | | Layer 3 (Variable Head) | |
| Semiconfining Unit | | Layer 3 Vcont | |
| Lower Permeable Zone (LFAPZ2) | | Layer 4 (Constant Head) | |
| Lower Confining Unit | | Layer 4 Base | |
| Lower Floridan Aquifer | | Boulder Zone | |
| | | Base Floridan Aquifer Confining Zone | |

FIGURE 13: Hydrogeologic Units and Corresponding Model Layers

penetrate all or most of the flow zones mentioned above so that withdrawals are from a composite of zones, 2) monitor wells used to calibrate the model are open to multiple zones within the Upper Floridan, making calibration of multiple layers impossible and 3) previous model work by the U. S. Geological Survey discretized the Floridan in East Central Florida in the same manner (Tibbals, 1991).

Geophysical and lithological data abound for the Upper Floridan, because the vast majority of water users in the area complete wells into this portion of the aquifer. There are much less data available for the Lower Floridan Aquifer and the middle semi-confining unit.

The middle semi-confining unit separates the UFA from the LFAPZ1. It is approximately 200-400 feet thick and leaky. The hydraulic connection between the Upper and Lower Floridan Aquifers has been tested via aquifer performance tests in three District-sponsored studies within the modeled area (Wedderburn & Knapp, 1981; CH2M Hill, 1989; SLF-73, SFWMD unpublished APT data). Leakance values obtained from these tests are very similar and average 0.04/day. With few exceptions, this leakance value was employed throughout the modeled area.

Layer 3 and 4: LFAPZ1 and LFAPZ2, respectively. The portion of the Lower Floridan Aquifer reflected by these layers is approximately -1,000 to -1,500 feet NGVD, and 500 feet thick. It is composed of limestones, dolomitic limestones, and dolomites of Eocene age. The entire Lower Floridan Aquifer is 2,000 feet thick in the study area and extends vertically to the top of the Cedar Keys formation (3,000 feet deep). The model conceptualization includes only the upper 500-foot portion of the Lower Floridan, the base of which is commonly found just above the 10,000 mg/l TDS water quality demarcation. An erosional surface exists at the contact between the middle confining interval and the top of the Lower Floridan Aquifer. The surface is considered the top of the Lake City Limestone as described by Applin and Applin (1944). It is easily recognized in borehole geophysical logs by its relatively high electrical resistance and is persistent throughout the study area. It marks the top of layer 3 in the model. In recent writings, the USGS has chosen to meld the former Lake City limestone with the Avon Park formation.

Recent drill stem packer tests (SFWMD, unpublished 1991) indicate the top 500-foot portion of the Lower Floridan contains at least two separate flow zones hydraulically separated by a semi-confining interval composed of homogeneous dolomitic limestones. These two flow systems,

LFAPZ1 and LFAPZ2, are conceptualized in the model as layers 3 and 4, respectively.

BOUNDARY CONDITIONS

The function of boundaries is to impose the effects of the external regional flow system on the modeled area. Several types of boundary conditions are available in MODFLOW. Prescribed flux, specified or constant head and no-flow boundaries were used in this model. Specified head boundaries are those where the head at the boundary remains constant for the model duration. Prescribed flux is used to simulate boundary head changes with time. No-flow boundaries are used where the ground water flow regime is such that flow across a boundary is not expected to occur.

The general head boundary package was used to generate prescribed flux boundaries in layers two and three. According to McDonald and Harbaugh (1988), a general head boundary consists of a water source outside the modeled area which supplies or removes water to a model cell at a rate proportional to the head difference between the source and the adjacent cell. The rate at which water is supplied to a cell is given by:

$$Q_m = C_m (H_m - h) \quad (1)$$

where

Q_m is the flow rate to or from the cell from boundary m (ft³/day)

C_m is the constant of proportionality for boundary m (ft³/day)

H_m is the average head at the source boundary m (ft), and

h is the average head in the cell (ft)

The constant of proportionality for boundary m defined herein as the horizontal conductance, C_m , (ft²/day) was calculated using equation 2:

$$C_m = K_h b W / F_c L \quad (2)$$

where

K_h is the horizontal hydraulic conductivity of the cell (ft/day);

b is the average thickness of the layer (ft);

W is the width of the cell (ft)

F_c is a dimensionless calibration factor for general head boundary representation;

L is the length of the assumed flow path line (ft)

A potential problem in the use of specified head boundaries is that the model may overestimate the

flow into the model if steep ground water gradients (such as those around a pumping well) approach the boundary. A breakdown of boundary cell types and geographic limits are discussed below.

Boundary Cell Types

Constant Head

Layer 1: All cells in layer 1 (SAS), are assigned specified (constant) heads. Layer 1 is effectively separated from layer 2 (FAS) by thick clays and silts of the Hawthorn confining zone. Since the SAS is independent of the FAS and because the scope of this project does not include calibrating the SAS, layer 1 heads were held constant to reduce unnecessary work in further simulating this unconfined system. For the purposes of this study, water levels for layer 1 were assumed to be approximately 5 feet lower than ground level elevation. Topographic levels were obtained from USGS quadrangle maps of the study area, heads for each cell were obtained by subtracting five feet from the topographic levels as referenced to mean sea level. The resultant heads were not permitted to fall below zero. The resultant levels are presented graphically in Appendix A, Figure A-3.

The Surficial Aquifer System was modeled independently in two separate studies currently in press (Adams, 1992, and Padgett, in press).

Layer 4: All cells in layer 4 (LFAPZ2), are assigned specified heads. Heads in this layer were found to be approximately equivalent to heads in layers 2 and 3, however, there were no temporal data available documenting head changes if they exist. Calibration of this layer was not possible due to the lack of head data. Water levels in the Upper Floridan Aquifer (layer 2) fluctuate seasonally in response to stresses induced by pumping. However, since there were no significant well withdrawals from the Lower Floridan Aquifer (layers 3 and 4) and because there is over 500 feet of confinement between layers 2 and 4 it was assumed that fluctuations in layer 4 heads were minimal. Based on those assumptions, all cells in layer 4 were simulated as constant head. The specified head value for each boundary cell in layer 4 was set equal to the boundary cell heads in layer 2 observed in March, 1990.

Head Dependent Flux Boundary

Layers 2 and 3: Potentiometric data have been gathered monthly in the Upper Floridan Aquifer (layer 2) corresponding to each stress period in the model simulation and were used to develop a general head package. Figure 14 shows the type cells comprising both layers 2 and 3. Potentiometric

maps indicate a small change in flux with time across the boundaries, justifying the need for a specified flux boundary. The water levels in the LFAPZ1 (layer 3) are influenced by and nearly equal to those in the UFA (layer 2) as evidenced by hydrographs in wells completed into these zones. Therefore, it was assumed the heads at all boundaries in layers 2 and 3 were equal. These head values were determined for each cell of all boundaries by interpolating existing monthly UFA (layer 2) water level data.

Conductance terms are required input for specified flux cells. Conductance values are initially based on the length, width, layer thickness, and hydraulic conductivity of the boundary cell and adjacent variable head cell. The physical basis for conductance between two adjacent cells was previously discussed and is expressed by equation 2 in the Boundary Conditions section. Equation 2 simplifies to $C=T$ when the following assumptions and conditions are met:

$$L = W; \text{ given for equidimensional cells}$$

$$K_h * b = T; \text{ given}$$

$$F_c = 1.0; \text{ default calibration factor}$$

In general, however, it should be recognized that formulation of a single conductance term to account for a three-dimensional flow process is inherently an empirical exercise, and that adjustment during calibration is almost always required (McDonald and Harbaugh, 1988). In order to better simulate a constant head boundary around the active edges of the model and to best calibrate the transient model, the calibration factor F_c , as shown in equation 2, was set to 0.1. Using the assumptions given above for values of L and T , and setting F_c equal to 0.1, the solution to equation 2 is $C=10T$. Therefore, the conductance value for all boundary cells was set equal to ten times the cell's transmissivity.

Increasing the conductance term caused the prescribed flux boundary cells to function as prescribed head cells. Prescribed head cells differ from constant head cells in that the head values can change between stress periods. The setting of $F_c = 0.1$ was considered the best adjustment for two reasons:

- 1) Monitor wells on the boundaries calibrated better.
- 2) Volumetric budget data reflect a significant influx of water into the system from the boundaries rather than exclusively from below through vertical leakance.

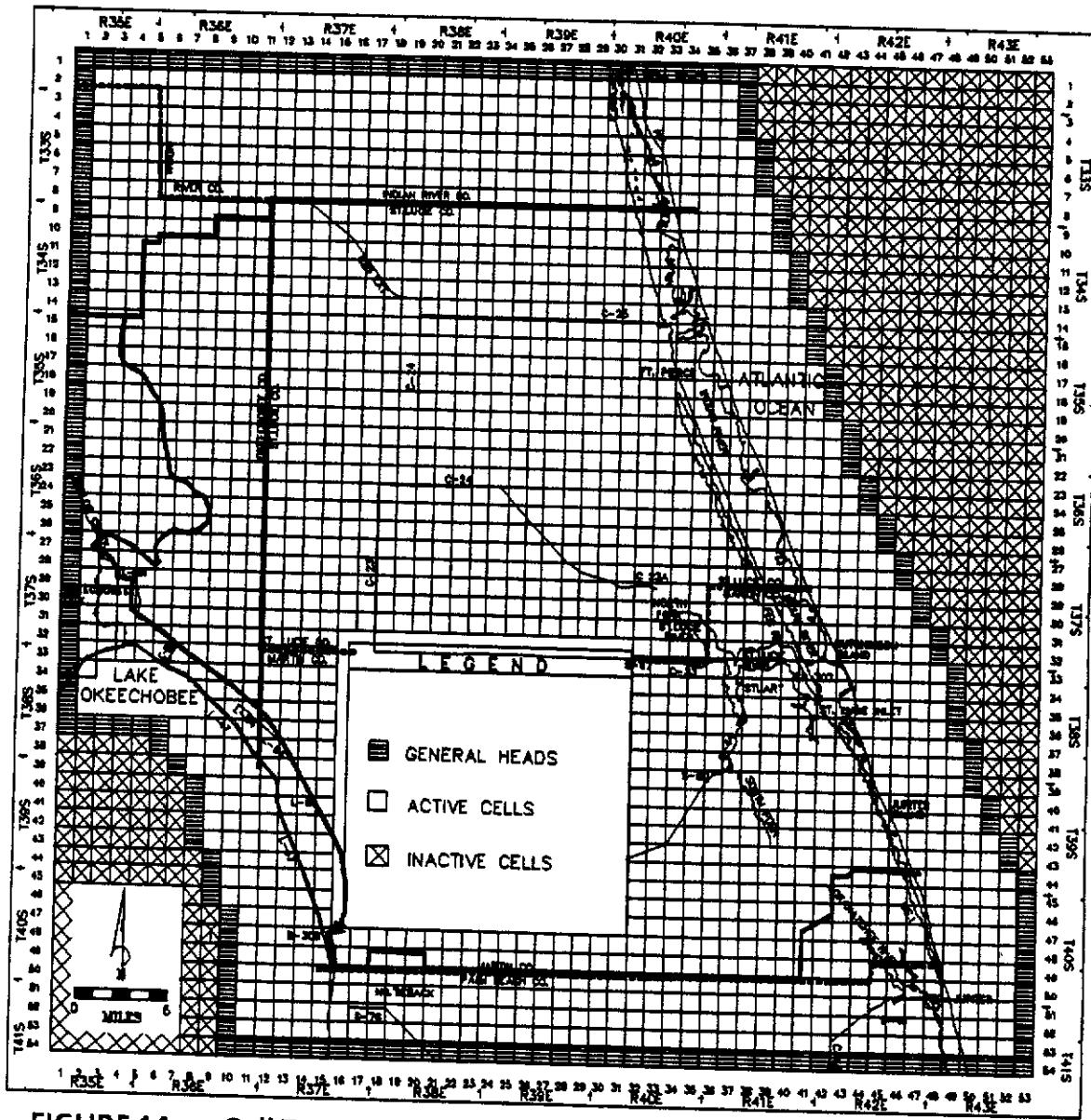


FIGURE 14: Cell Types, Layer 2 and Layer 3

Geographic Limits and Locations of Boundaries

Figure 15 shows the boundaries and type cells used for every layer in the model. Layer 1 (SAS) is composed entirely of constant head cells. The boundaries are also constant head cells and were set varying distances outside the study area. In a clockwise direction, the distance each boundary extends outside the study area were: north eight miles, east five miles from the coastline, south five miles, and west approximately five miles. Layers 2 and 3 consist of general head boundaries which extend outside the study area the same distance as layer 1 in all directions except the east. This eastern boundary was extended five miles east of the barrier island toward the Atlantic Ocean. Layer 4, like layer 1, is composed of constant head cells, its boundaries are located in the same place as layers 2 and 3.

In all layers, the north boundary was set eight miles (cells) into Indian River County in order to include the large withdrawals from the UFA north of the study area political boundary (St. Lucie-Indian River County Line). Dense citrus groves irrigate with Floridan Aquifer System water from more than 500 wells in this northern eight miles of the model area. Utilities in southern Indian River County operate R.O. plants which together withdrew approximately 70 million gallons in March, 1990. The combined agricultural and public water supply stresses alter the flow system in the study area and are, therefore, necessarily included in the simulation.

Layers 2 and 3 are composed of active cells and are represented at the boundaries by general head cells (head dependent flux). The placement of the boundaries for these two layers is identical. Layer 2 (the UFA) and layer 3 (the LFAPZ1) are confined and occur -400 to -1,000 feet NGVD and -600 to -1,300 feet NGVD respectively near the coast. These layers are not hydraulically connected with the ocean at the east model boundary. The FAS outcrops ten to twenty miles east of the coast in the Straits of Florida at a depth of approximately 900 feet below sea level (Figure 16). The boundary was placed five miles east of the coast to avoid boundary effects within the study area. For this modeled system, five miles is an acceptable buffer area separating an area of interest from a boundary (Richard Bower, verbal communication, 1989).

The remaining south and west model boundaries were set a minimum of five miles (cells) outside the study area to avoid boundary effects as explained above.

HYDRAULIC CHARACTERISTICS

Transmissivity

Layer 1

MODFLOW requires input of hydraulic conductivity values for unconfined layers. However, as discussed previously, all cells in layer 1 are the prescribed head (constant head) type. This designation causes one value of head for each cell to be maintained throughout the simulation, thus heads are not calculated for cells in this layer. Therefore, aquifer parameter values provided, with the exception of starting head and Vcont values, are irrelevant to the model run.

Layer 1 is specified as unconfined in the model. MODFLOW calculates the transmissivity of unconfined aquifers by multiplying the user-specified hydraulic conductivity by the saturated thickness of the aquifer. Initial saturated thickness is calculated from the starting head and aquifer bottom data, both of which are required input for an unconfined aquifer.

A hydraulic conductivity of 50 ft/day was applied regionally for layer 1 representing the SAS. This value represents an approximate average of values obtained in APT tests in the area (Padgett, Adams, verbal communications). Elevation at the layer bottom was identified using borehole geophysical logs and available lithological information (Appendix A-1). A matrix of values was obtained by applying a kriging interpolation technique to these data points.

Layer 2

Layer 2 (UFA) is specified as confined in the model. In a confined system, the water level does not usually fall below the top of the aquifer, so the transmissivity remains constant since the aquifer remains completely saturated. Therefore, a direct value for transmissivity is the required input rather than hydraulic conductivity and thickness.

Transmissivity values were obtained from several sources:

- Bower (1988) specific capacity regression curve methodology. A new, but similar regression curve was generated for this study.
- Recent consultant reports.
- Indian River Hydrogeology publication; USGS (1988).
- Results of a recent drilling and testing project conducted by the SFWMD on C-24 canal (SLF73), St. Lucie County.

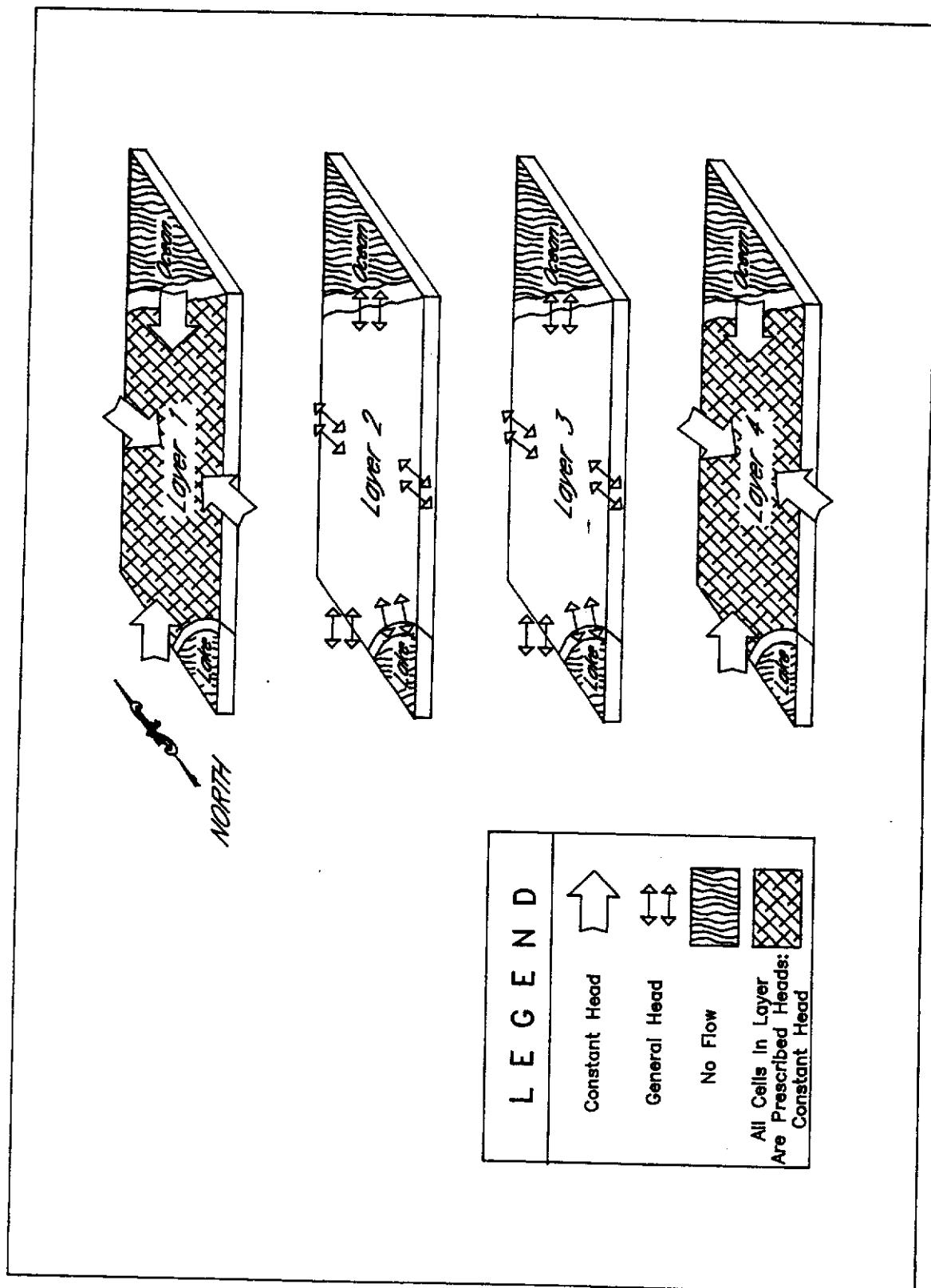


FIGURE 15: Model Boundary Conceptualization, Layers 1 through 4

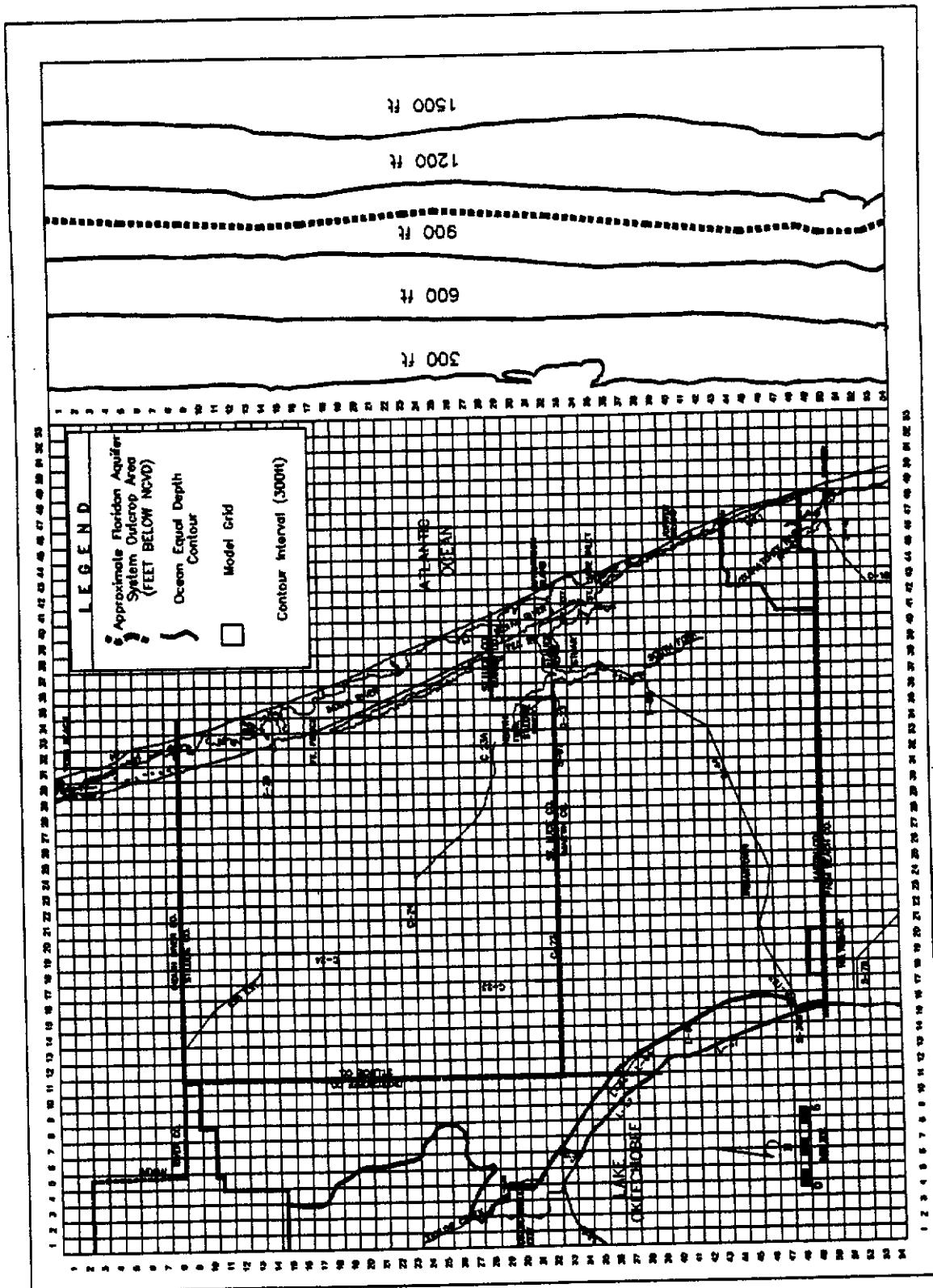


FIGURE 16: Bathymetry in Respect to Floridan Aquifer System Outcrop Area

Most transmissivity values were obtained using the same procedure originally outlined by Trost (unpublished report, 1985) and later adopted by Bower (1988). Here, specific capacity values are related to transmissivity by using a regression analysis on 19 values of corrected specific capacity and associated values of transmissivity. The relationship is described in the equation:

$$\log_{10}(T_e) = 4.056 + 0.816(\log_{10}(S_{cc})) \quad (3)$$

where

T_e = estimated transmissivity value (gpd/ft)

S_{cc} = corrected specific capacity value (gpm/ft)

The correlation coefficient, r , determined in the regression analysis was 0.83 (Bower, 1988).

For this study, a new regression curve was generated (Figure 19) using the same data originally used by Trost (Brown, 1980) with minor modifications. When generating the regression curve, three new data points were incorporated into the analysis. The transmissivity and specific capacity data added are denoted in Tables 2 and 3. Where possible, the raw data from the aquifer performance tests were analyzed by the author to determine aquifer parameters independently. The new regression curve is presented in Figure 17. The new correlation coefficient calculated was 0.73 which indicates a statistically high reliability for the linear relationship established. Specific capacity data for 56 wells in the UECPA then were used to predict transmissivity for those wells. The locations of all transmissivity values from sources listed above are shown in Figure 18. Their values are cross referenced to Table 2. These values were regionalized using a kriging interpolation technique to create an array. A regional map of transmissivity for layer 2 (UFAS) used in this model is presented in Figure 19.

Transmissivity was altered to 670 ft²/day (5,000 gpd/ft) in grid cells east of a structural feature indicative of faulting or downwarping. A trace of this feature follows the Intracoastal Waterway from Vero Beach to north Martin County, where it veers east toward the ocean (Figure 20). Hydraulic discontinuity is suspected along this line. For ease of reference, the term "fault" is applied loosely in describing the hydraulic characters associated with this structural and hydrogeologic anomaly. The emphasis here is not the cause of the feature, but the effects it has on the hydrogeology of the area. Previous works by Lichtler (1960), Law Engineering (1975), Mooney (1980), and Armstrong (1980) describe and discuss its nature in detail.

Permeability contrasts are observed between FAS wells on either side of the fault. East of the fault, wells have lower yield and drastically reduced permeability than wells on the west side. The model's sensitivity to transmissivity near the fault trace has a limited effect on modeled water levels in cells on either side of the fault. The value applied regionally to the downthrown (eastern) portion of the fault was estimated based on well yields and APT's from wells drilled in the FAS at Brynn Mawr Boy's Club and Joe's Point. Both wells indicate very low permeability in the UFAS. Hydrographs of observation wells SLF-46 and SLF-47 on the east (downthrown) side show considerably more drawdown than would be expected if transmissivity were higher. The geographic location and placement of the fault trace was based on the following:

- 1) the assumption that the wells discussed above with anomalously low permeability in the FAS are located east of the fault line,
- 2) study of cores in the Martin County area by Armstrong (1980), and
- 3) a thorough analysis of the available geophysical logs along both sides of the fault.

Layers 3 and 4

Figure 21 shows the locations of all wells in the modeled area where aquifer parameters are available for layers 3 and 4. Well construction and aquifer parameters are listed in Table 3 along with the model layers penetrated by each well.

Only three composite (layers 3 and 4) transmissivity values exist for these layers: the Lake Okeechobee ASR project (535,000 ft²/day), the C-24 canal Floridan drilling project (100,000 ft²/day (tentative)) and the Florida Power & Light study near Indiantown (334,000 ft²/day, Ebasco Envir., 1990). It was conservatively assumed that these transmissivity values may be higher than the regional value, so a composite estimate of 66,845 ft²/day was used. The 66,845 ft²/day (500,000 gpd/ft) value is divided equally between layer 3 (LFAPZ1), and layer 4 (LFAPZ2) and applied regionally for every cell in both layers. The model's sensitivity to changes in transmissivity was analyzed for layers 3 and 4; it was found to be minimal.

Specific Yield

Specific yield of the SAS (layer 1) was set at 0.2, which represents the average value of the sediments that make up the aquifer (Fetter, 1980). Since the layer is comprised of cells assigned constant heads, the value given is irrelevant but necessary to input.

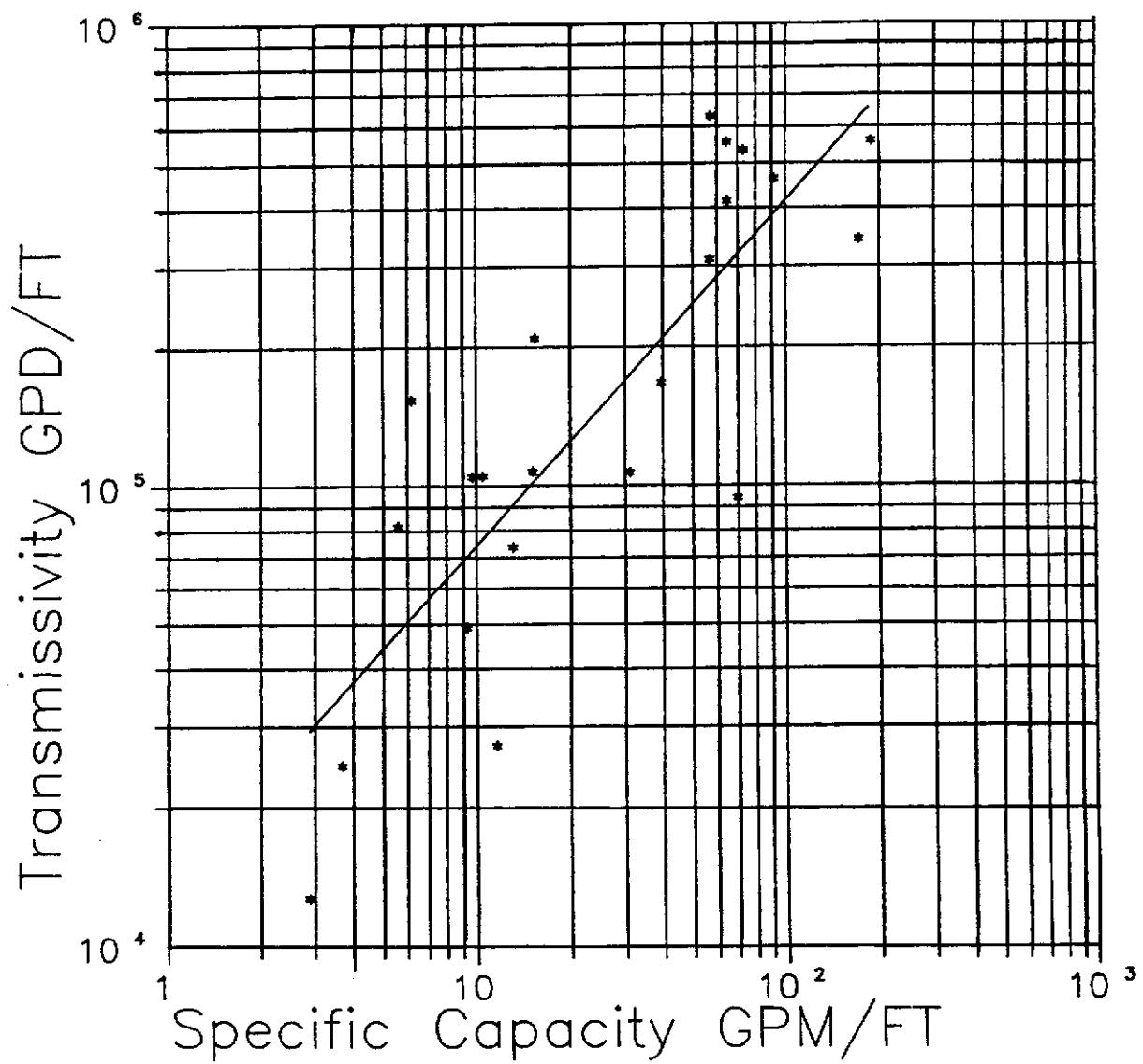


FIGURE 17: Modified Regression Curve Used to Calculate Transmissivity using Specific Capacity Data

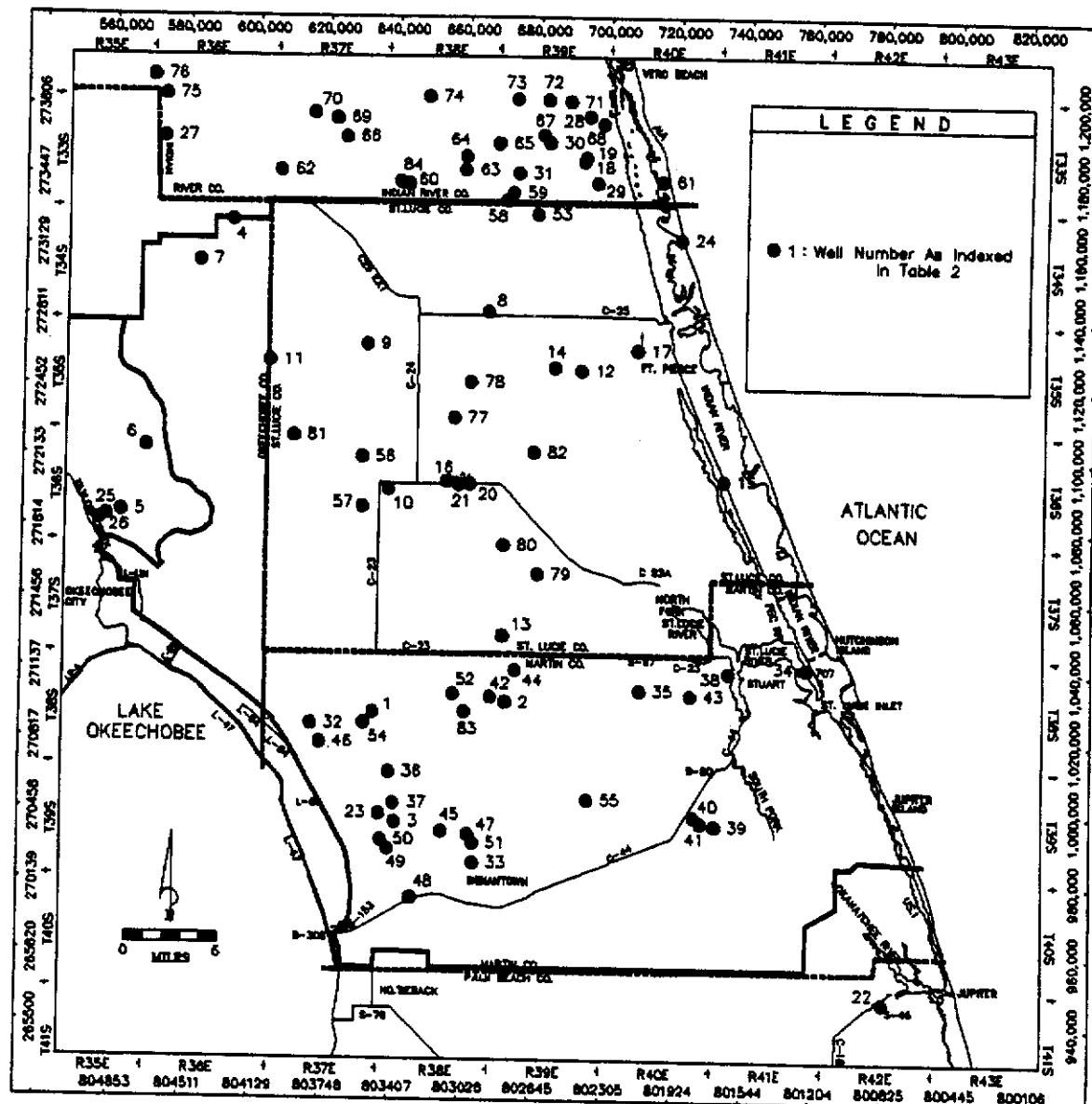


FIGURE 18: Location of Wells with Transmissivity and Specific Capacity Data Used in Model, Layer 2

TABLE 2: LAYER 2 (Upper Floridan Aquifer) AQUIFER PERFORMANCE TEST DATA USED IN MODEL

| MAP # | WELL NAME | STATE PLANE COORDINATES (FT) | | TOTAL DEPTH (Feet) | CASING DEPTH (Feet) | TRANS-MISSIVITY (gpd/ft) | ANALYSIS METHOD | STORATIVITY (E-4/D) | SOURCE |
|-------|-----------|------------------------------|---------|--------------------|---------------------|--------------------------|-----------------|---------------------|-------------|
| | | X | Y | | | | | | |
| 1 | MF-6* | 635487 | 1027110 | 1052 | 400 | 104900 | SR | | BROWN, 80-1 |
| 2 | MF-9* | 673410 | 1030384 | 880 | 342 | 104300 | SR | | BROWN, 80-1 |
| 3 | MF-23* | 642188 | 996134 | 1119 | 456 | 73500 | SR | | BROWN, 80-1 |
| 4 | OKF-2* | 593433 | 1166945 | 666 | 218 | 153400 | SR | | BROWN, 80-1 |
| 5 | OKF-5* | 562688 | 1083782 | 1181 | 440 | 341600 | SR | | BROWN, 80-1 |
| 6 | OKF-7* | 569511 | 1102271 | 963 | 412 | 27200 | SR | | BROWN, 80-1 |
| 7 | OKF-13* | 584276 | 1155313 | 1200 | 600 | 556000 | SR | | BROWN, 80-1 |
| 8 | SLF-4* | 667351 | 1141435 | 993 | 482 | 461700 | SR | | BROWN, 80-1 |
| 9 | SLF-9* | 632615 | 1131915 | 1058 | 256 | 531526 | SR | | BROWN, 80-1 |
| 10 | SLF-15* | 639063 | 1090535 | | | 629200 | MR | 9.5 | BROWN, 80-1 |
| 11 | SLF-20* | 604518 | 1127187 | 896 | 311 | 81495 | SR | | BROWN, 80-1 |
| 12 | SLF-21* | 693823 | 1124791 | 707 | 156 | 49000 | SR | | BROWN, 80-1 |
| 13 | SLF-23* | 672337 | 1049363 | 894 | 350 | 106700 | SR | | BROWN, 80-1 |
| 14 | SLF-24* | 686340 | 1125563 | | | 208500 | MR | 1.9 | BROWN, 80-1 |
| 15 | SLF-28* | 734915 | 1093704 | 883 | 200 | 24600 | SR | | BROWN, 80-1 |

LEGEND FOR METHODS OF ANALYSIS:

- WAL: WALTON TYPE CURVE MATCHING, MONITOR WELL AVAILABLE
 SR: SINGLE WELL RECOVERY TEST/JACOB STRAIGHT LINE
 USGS: USGS WATER INVESTIGATIONS REPORT 88-4073
 SC: SPECIFIC CAPACITY FIT TO REGRESSION CURVE
 MR: MONITOR WELL RECOVERY TEST/JACOB STRAIGHT LINE
 USGS: USGS PROVISIONAL DATA TYPE UNKNOWN; TROTUN PUB.
 WALT: WALTON TYPE CURVE MATCHING
 *: DENOTES WELLS USED IN REGRESSION ANALYSIS
 **: NEWEST DATA USED IN REGRESSION ANALYSIS

TABLE 2: LAYER 2 (Upper Floridan Aquifer) AQUIFER PERFORMANCE TEST DATA USED IN MODEL

| MAP # | WELL NAME | STATE PLANE COORDINATES(FT) | | TOTAL DEPTH (Feet) | CASING DEPTH (Feet) | TRANS-MISSIVITY (gpd/ft) | ANALYSIS METHOD | STORATIVITY (E-4/D) | SOURCE |
|-------|-----------|-----------------------------|---------|--------------------|---------------------|--------------------------|-----------------|---------------------|-------------------------|
| | | X | Y | | | | | | |
| 16 | SLF-51* | 662505 | 1092238 | 1000 | 600 | 107077 | WALT | 2.7 | Wedderburn, 83-7 |
| 17 | FBW-1** | 709923 | 1130728 | 904 | 508 | 309000 | SR | | CH2M HILL, 1988 |
| 18 | GM.IR37F | 693717 | 1184269 | 745 | N/A | 50000 | USGS | 4 | Schniner, 1988 |
| 19 | SJ.IR40F | 694252 | 1185282 | 704 | N/A | 56800 | USGS | 3.9 | Schniner, 1988 |
| 20 | SLF75 | 659259 | 1092023 | 700 | 480 | 210000 | WALT | 2.3 | SFWMD, Unpublished |
| 21 | SLF76 | 659259 | 1092023 | 860 | 790 | 110000 | WALT | 6.4 | SFWMD, Unpublished |
| 22 | JUP-R.O. | 781929 | 945861 | 1500 | 1073 | 36890 | MR | 8 | Geraghty & Miller, 1989 |
| 23 | LFM1-S** | 642688 | 986090 | 1202 | 800 | 94000 | WALT | 7.0 | Ebasco Environ., 1990 |
| 24 | BRYN MAWR | 722002 | 1162199 | 1730 | 640 | 253 | SR | | Geraghty & Miller, 1990 |
| 25 | OKF-26 | 556377 | 1081248 | 825 | 625 | 54945 | SC | | Trost, Unpublished |
| 26 | OKF-27 | 556377 | 1081248 | 725 | 477 | 51695 | SC | | Trost, Unpublished |
| 27 | FCS-IR202 | 573587 | 1190634 | 700 | 209 | 126082 | SC | | Trost, Unpublished |
| 28 | FCS-IR243 | 695094 | 1197000 | 900 | 220 | 81666 | SC | | Trost, Unpublished |
| 29 | FCS-IR245 | 697706 | 1178129 | 850 | 220 | 100083 | SC | | Trost, Unpublished |
| 30 | FGS-IR251 | 683885 | 1189474 | 700 | 220 | 123915 | SC | | Trost, Unpublished |
| 31 | FGS-IR253 | 675286 | 1180751 | 800 | 220 | 119582 | SC | | Trost, Unpublished |
| 32 | FGS-M-29 | 617612 | 1023723 | 1100 | 450 | 82750 | SC | | Trost, Unpublished |
| 33 | FGS-M-34 | 664652 | 984707 | 1100 | 450 | 372713 | SC | | Trost, Unpublished |
| 34 | FGS-M-88 | 759605 | 1040536 | 1180 | 700 | 75167 | SC | | Trost, Unpublished |
| 35 | FGS-M-143 | 711689 | 1033897 | 958 | 272 | 139804 | SC | | Trost, Unpublished |
| 36 | FGS-M-146 | 640332 | 1010264 | 1155 | 432 | 217440 | SC | | Trost, Unpublished |

TABLE 2: LAYER 2 (Upper Floridan Aquifer) AQUIFER PERFORMANCE TEST DATA USED IN MODEL

| MAP # | WELL NAME | STATE PLANE COORDINATES (FT) | | TOTAL DEPTH (Feet) | CASING DEPTH (Feet) | TRANS-MISSIVITY (gpm/ft) | ANALYSIS METHOD | STORATIVITY (E-4/D) | SOURCE |
|-------|-----------|------------------------------|---------|--------------------|---------------------|--------------------------|-----------------|---------------------|--------------------|
| | | X | Y | | | | | | |
| 37 | FGS-M-168 | 641808 | 1001484 | 1080 | 500 | 183136 | SC | | Trost, Unpublished |
| 38 | FGS-M-443 | 737038 | 1039085 | 951 | 276 | 70472 | SC | | Trost, Unpublished |
| 39 | FGS-M-740 | 733492 | 995745 | 990 | 474 | 278827 | SC | | Trost, Unpublished |
| 40 | FGS-M-741 | 727512 | 998235 | 890 | 460 | 71917 | SC | | Trost, Unpublished |
| 41 | FGS-M-742 | 729510 | 996530 | 1003 | 460 | 67946 | SC | | Trost, Unpublished |
| 42 | FGS-M-746 | 669159 | 1031881 | 510 | 360 | 103332 | SC | | Trost, Unpublished |
| 43 | FGS-M-748 | 726237 | 1032561 | 773 | 397 | 76611 | SC | | Trost, Unpublished |
| 44 | FGS-M-759 | 676080 | 1039584 | 853 | 650 | 164719 | SC | | Trost, Unpublished |
| 45 | FGS-M-901 | 655486 | 993658 | 1110 | 490 | 91777 | SC | | Trost, Unpublished |
| 46 | FGS-M-909 | 620247 | 1018480 | 1095 | 470 | 99360 | SC | | Trost, Unpublished |
| 47 | FGS-M-913 | 663174 | 992779 | 1100 | 500 | 93944 | SC | | Trost, Unpublished |
| 48 | FGS-M-919 | 646966 | 974744 | 950 | 636 | 176636 | SC | | Trost, Unpublished |
| 49 | FGS-M-920 | 640226 | 988554 | 1033 | 488 | 74444 | SC | | Trost, Unpublished |
| 50 | FGS-M-921 | 638228 | 991072 | 1032 | 455 | 87444 | SC | | Trost, Unpublished |
| 51 | FGS-M-923 | 664539 | 990361 | 1000 | 500 | 155692 | SC | | Trost, Unpublished |
| 52 | FGS-M-927 | 658408 | 1032645 | 792 | 450 | 109110 | SC | | Trost, Unpublished |
| 53 | FGS-STL44 | 680828 | 1169163 | 691 | 125 | 160637 | SC | | Trost, Unpublished |
| 54 | USGS-M-1 | 632877 | 1024072 | NA | NA | 104700 | SC | | Trost, Unpublished |
| 55 | USGS-M-2 | 696936 | 1002924 | NA | NA | 112200 | SC | | Trost, Unpublished |
| 56 | USGS-STL2 | 631458 | 1092699 | NA | NA | 464000 | SC | | Trost, Unpublished |
| 57 | USGS-STL3 | 631684 | 1085563 | NA | NA | 168000 | SC | | Trost, Unpublished |

TABLE 2: LAYER 2 (Upper Floridan Aquifer) AQUIFER PERFORMANCE TEST DATA USED IN MODEL

| MAP # | WELL NAME | STATE PLANE COORDINATES (FT) | | TOTAL DEPTH (Feet) | CASING DEPTH (Feet) | TRANS-MISSION VITRITY (gpd/ft) | ANALYSIS METHOD | STORATIVITY (E-4/D) | SOURCE |
|-------|-----------|------------------------------|---------|--------------------|---------------------|--------------------------------|-----------------|---------------------|--------------------|
| | | X | Y | | | | | | |
| 58 | IR7F | 671990 | 1172961 | 940 | NA | 258319 | SC | | Schiner, 1988 |
| 59 | IR12F | 673781 | 1175190 | 900 | NA | 279472 | SC | | Schiner, 1988 |
| 60 | IR20F | 643803 | 1177697 | NA | 323745 | SC | | | Schiner, 1988 |
| 61 | IR21F | 716332 | 1178730 | 943 | NA | 40508 | SC | | Schiner, 1988 |
| 62 | IR26F | 606897 | 1181217 | 900 | NA | 284558 | SC | | Schiner, 1988 |
| 63 | IR28F | 660076 | 1181596 | 880 | NA | 734668 | SC | | Schiner, 1988 |
| 64 | IR42F | 660240 | 1185434 | 836 | NA | 366662 | SC | | Schiner, 1988 |
| 65 | IR47F | 669582 | 1189108 | 860 | NA | 149033 | SC | | Schiner, 1988 |
| 66 | IR53F | 625673 | 1190764 | NA | 507890 | SC | | | Schiner, 1988 |
| 67 | IR54F | 682166 | 1191587 | 900 | NA | 344646 | SC | | Schiner, 1988 |
| 68 | IR57F | 699153 | 1194798 | 660 | NA | 94309 | SC | | Schiner, 1988 |
| 69 | IR61F | 622778 | 1196107 | 960 | NA | 539193 | SC | | Schiner, 1988 |
| 70 | IR64F | 616298 | 1197602 | 570 | NA | 238340 | SC | | Schiner, 1988 |
| 71 | IR72F | 689587 | 1201215 | 671 | NA | 55619 | SC | | Schiner, 1988 |
| 72 | IR76F | 683379 | 1201691 | 750 | NA | 61336 | SC | | Schiner, 1988 |
| 73 | IR77F | 674565 | 1201853 | 746 | NA | 86492 | SC | | Schiner, 1988 |
| 74 | IR80F | 649290 | 1202357 | NA | 165091 | SC | | | Schiner, 1988 |
| 75 | IR84F | 573834 | 1202752 | NA | 111344 | SC | | | Schiner, 1988 |
| 76 | IR95F | 570407 | 1208199 | 960 | NA | 237501 | SC | | Schiner, 1988 |
| 77 | SLF27 | 657833 | 1111002 | 900 | 300 | 229062 | SC | | Trost, Unpublished |
| 78 | SLF40 | 662479 | 1121219 | NA | 376 | 111367 | SC | | Trost, Unpublished |

TABLE 2: LAYER 2 (Upper Floridan Aquifer) AQUIFER PERFORMANCE TEST DATA USED IN MODEL

| MAP # | WELL NAME | STATE PLANE COORDINATES (FT) | | TOTAL DEPTH (Feet) | CASING DEPTH (Feet) | TRANS-MISSIVITY (gpd/ft) | ANALYSIS METHOD | STORATIVITY (E-4/D) | SOURCE |
|-------|-----------|------------------------------|---------|--------------------|---------------------|--------------------------|-----------------|---------------------|--------------------|
| | | X | Y | | | | | | |
| 79 | SLF61 | 682099 | 1066875 | 695 | 350 | 61119 | SC | | Trost, Unpublished |
| 80 | SLF62 | 672318 | 1075011 | 935 | 480 | 83132 | SC | | Trost, Unpublished |
| 81 | SLF67 | 611696 | 1105597 | NA | 300 | 107007 | SC | | Trost, Unpublished |
| 82 | SLF69 | 680591 | 1101403 | NA | 300 | 218429 | SC | | Trost, Unpublished |
| 83 | MF2 | 661770 | 1027509 | NA | 300 | 94933 | SC | | Trost, Unpublished |
| 84 | IR370 | 643803 | 1177697 | NA | 300 | 260087 | SC | | Trost, Unpublished |

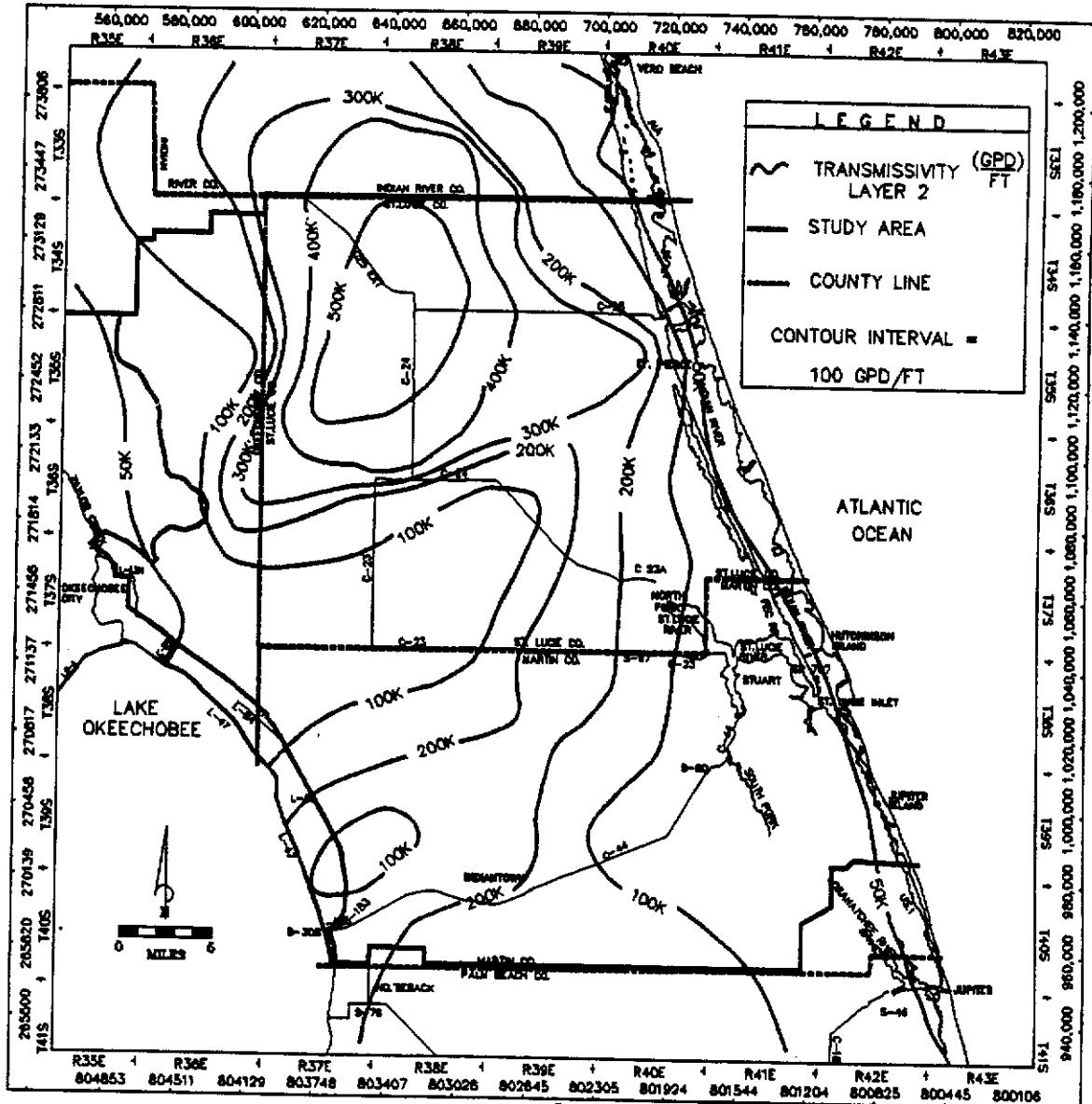


FIGURE 19: Transmissivity of the Upper Floridan Aquifer

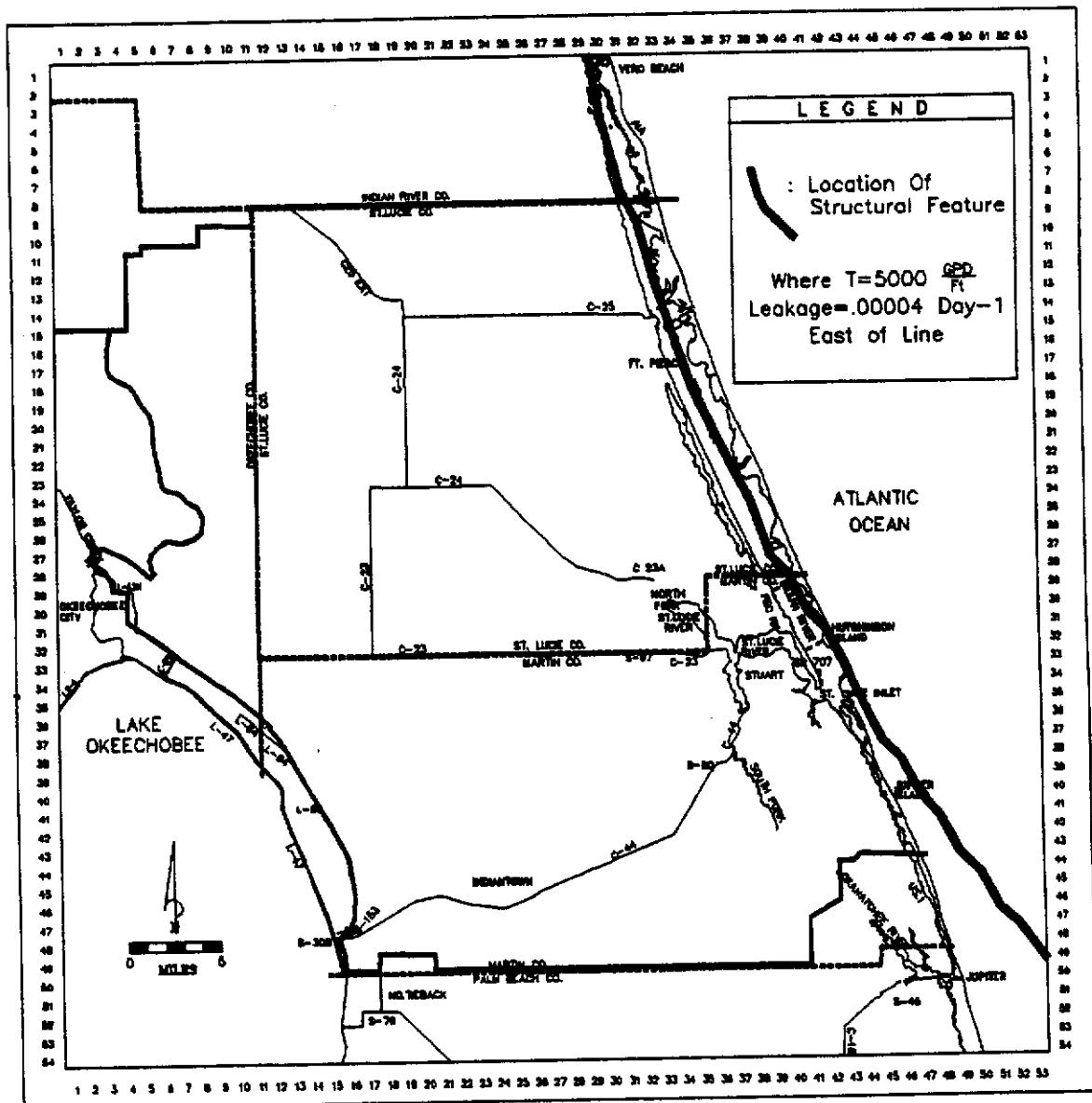


FIGURE 20: Location of Structural Feature Associated with Hydraulic Discontinuity, Transmissivity and Vertical Conductance Variance Used in Model

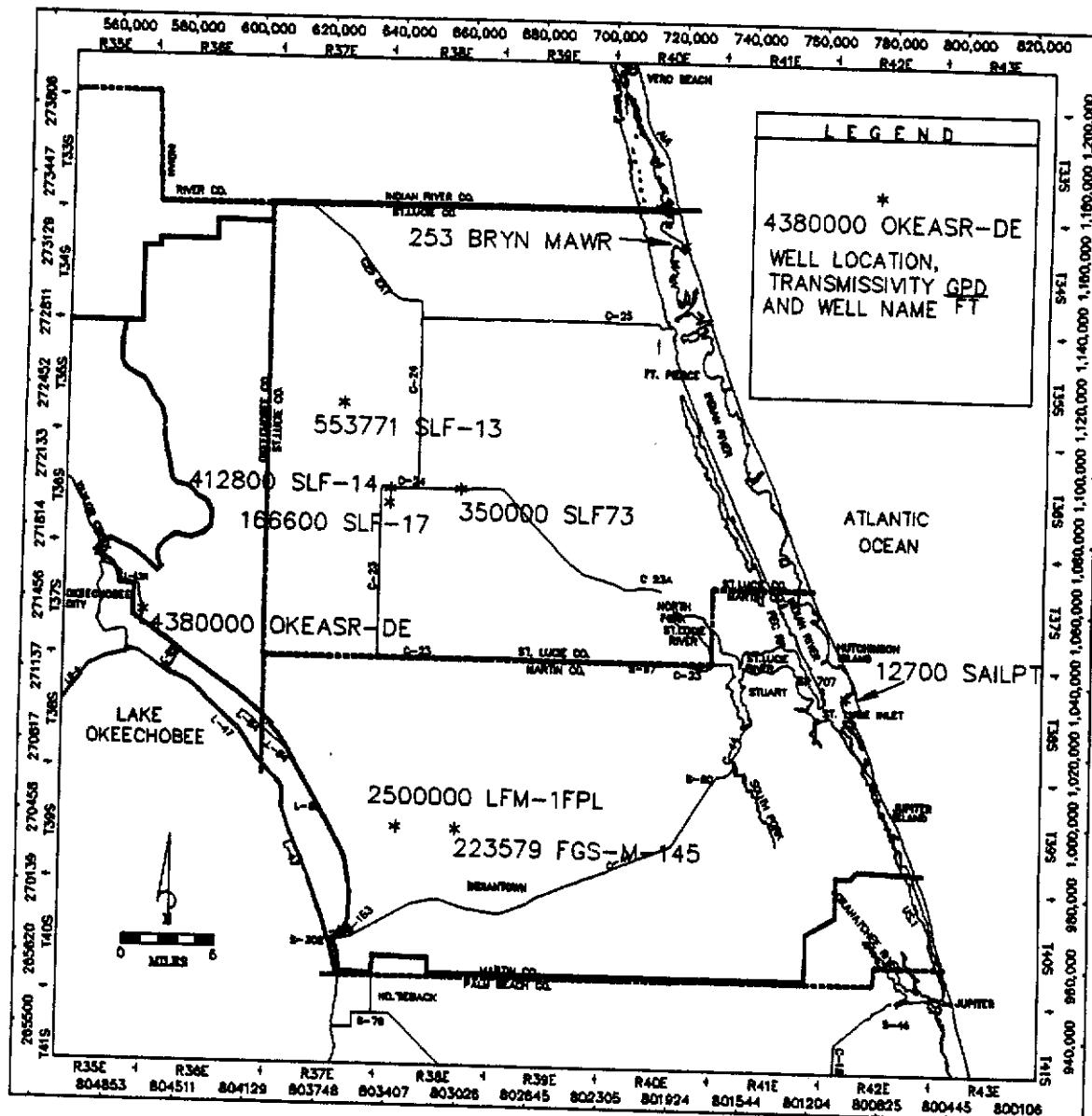


FIGURE 21: Location of Wells with Transmissivity Data, Layer 3 and Layer 4

TABLE 3: LAYER 2, 3 & 4 (FAS) - AQUIFER PERFORMANCE TEST DATA USED IN MODEL

| WELL NAME | STATE PLANE COORDINATES (FT) | | TOTAL DEPTH (Feet) | CASING DEPTH (Feet) | TRANS-MISSION VITRITY (gpd/ft) | ANALYSIS METHOD | STORATIVITY (E-4/D) | LEAKAGE (Day ⁻¹) | SOURCE | MODEL LAYERS PENETRATED |
|-------------|------------------------------|---------|--------------------|---------------------|--------------------------------|-----------------|---------------------|------------------------------|---------------------|-------------------------|
| | X | Y | | | | | | | | |
| OKEASR-DEE | 569590 | 1056025 | 1700 | 1268 | 4,380,000 | HANJ | 12.5 | .01-.001 | CH2M HILL, 1989 | 3,4 |
| LFM-1DEEP** | 642688 | 996090 | 1648 | 800 | 2,500,000 | HANJ | 7 | .0022 | EBASCO ENVIR, 1990 | 3,4 |
| SLF-13* | 625457 | 1115937 | 1238 | 344 | 553,771 | SR | | | BROWN, 80-1 | 2,3 |
| SLF-14* | 639149 | 1091949 | 1286 | 318 | 412,800 | SR | | | BROWN, 80-1 | 2,3 |
| SLF-17* | 639073 | 1087809 | 1286 | 320 | 166,600 | SR | | | BROWN, 80-1 | 2,3 |
| BRYN MAWR | 722002 | 1162199 | 1730 | 640 | 253 | SR | | | CARTER ASSOC., 1990 | 2,3 |
| FGS-M-145 | 659636 | 995794 | 1485 | 425 | 223,579 | SC | | | TROST, UNPUBLISHED | 2,3,4 |
| SLF73 | 659259 | 1092023 | 1550 | 1080 | 350,000 | WALT | 2.6 | 0.044 | SFWMD, UNPUBLISHED | 3,4 |
| SAILPT | 770566 | 1035356 | 1525 | 630 | 12,700 | HANJ | 5 | | GEE & JENSON, 1977 | 2,3 |

LEGEND FOR METHODS OF ANALYSIS:

WALT: WALTON TYPE CURVE MATCHING, MONITOR WELL AVAILABLE
 HANJ: HANTUSH-JACOB CURVE MATCHING

SR: SINGLE WELL RECOVERY TEST/JACOB STRAIGHT LINE

SC: SPECIFIC CAPACITY FIT TO REGRESSION CURVE

*: DENOTES WELLS USED IN REGRESSION ANALYSIS
 **: NEWEST DATA USED IN REGRESSION ANALYSIS

Storage

Storage coefficients for the UFA (layer 2) were obtained from aquifer tests in the area, are limited in number, and range between 0.00019 and 0.00095 (Table 2). Based on these available data and a review of recent model literature (Bower, 1988), a uniform storage coefficient of 0.0004 was assigned to all of the active model cells in layer 2. Very few storage coefficients for layers 3 and 4 are available. Those existing range from 0.0012 (CH2M Hill, ASR, 1989) to 0.00026 (SFWMD). A sensitivity analysis of this parameter shows very little change in water levels with large changes to the storage coefficient. Since the lithologic and permeability characteristics of this lower Floridan Aquifer section are very similar to those in the Upper Floridan Aquifer section, the same value of 0.0004 was used for storage coefficient for all cells in layers 3 and 4.

Vertical Conductance

Base Layer 1: (Upper Confining Unit)

MODFLOW uses the term Vcont to define the degree of confinement between layers. It is employed in the quasi-three-dimensional modeling approach discussed in the previous section. It is defined for each cell and is the average vertical hydraulic conductivity of the confining unit divided by the thickness of that confining unit. The vertical hydraulic conductivity of the upper confining unit (in this case the Hawthorn) was estimated based on the lithologic composition of the Hawthorn (Driscoll, 1986). A standard vertical hydraulic conductivity of 3.1×10^{-4} ft/day was applied regionally throughout the model. The upper confining unit ranges from 250 to 800 feet thick in the study area; thickness was estimated using lithologic and geophysical data compiled for this project (see Appendix A). Values of thickness for each cell were determined using a kriging interpolation technique. The range of leakance values used was from 7.7×10^{-2} to 3.8×10^{-7} per day.

Base Layer 2: (Middle Semi-Confining Unit)

Three values of leakance were obtained in the study area via aquifer performance tests. The APT leakance results are similar and far enough apart areally to justify a regional assumption of leakance. The values range between 0.05/day to 0.001/day. Most of the more reliable data report leakance values of 0.04/day to 0.05/day. Paucity of data for both vertical hydraulic conductivity and thickness of this confining unit necessitated the broad application of a vcont (leakance) value of 0.04/day over the entire model area with the exception of the coastal area.

Vcont was reduced three orders of magnitude from the St. Lucie-Indian River County border south to Martin County, and east of the Intracoastal Waterway along the structural anomaly shown in Figure 20. Structural and lithologic data support a plausible fault or downwarping hinged on this boundary. Hydrographs of the two available monitor wells on the St. Lucie barrier island suggest very low overall leakage rates and are successfully brought into calibration using this method.

Base Layer 3:

No direct Vcont (leakance) data is available for the base of layer 3. One value was used regionally determined through sensitivity analysis. The thickness of this confining interval is approximately 250 feet at SLF-74 and the Okeechobee ASR well. The value of Vcont applied regionally is 0.00032/day. The approximate value of vertical hydraulic conductivity for the above wells where thickness is defined at 250 feet is 0.08 ft/day.

Base Layer 4:

MODFLOW does not require a Vcont term for the base of the lowest layer. It is implicit that there is no flow at this boundary.

GROUND WATER USE

Upper Floridan Aquifer water use estimates for the model were determined using data from individual water use permits issued by the District coupled with the results of a comprehensive questionnaire issued to permit holders in the UECPA. Individual water use permits are required by the District if the average daily water withdrawals equals or exceeds 100,000 gallons per day (gpd). The District also issues general water use permits to all uses less than 100,000 gallons per day. The only exceptions are single family homes, duplexes, and water use strictly for fire-fighting (SFWMD, 1985). General water use permits were not included in the determination of water use estimates because few exist for the FAS. By far, the major use of water from the FAS is for agricultural purposes.

A modification to the MODFLOW code was made to enable the program to input three individual well package files. This modification was used to segregate into files three classifications of wells. The classifications used were: agricultural wells within the District boundaries, agricultural wells outside the boundaries and all wells with monthly pumping reports submitted to the SFWMD including public water supplies, agricultural and industrial wells. The wells are indexed in separate files by row and column, each line represents one well and is referenced by permit number.

Agricultural

Agricultural water use accounts for over 99 percent of the permitted FAS ground water use in the UECPA. Figure 22 shows the estimated agricultural water use for each cell in the model. Most agricultural enterprises are involved in citrus production. With a few exceptions, records of water withdrawn generally do not exist for agricultural uses. Therefore, agricultural water use was estimated.

Data on all agricultural water uses from individual water use permits were assembled into several spreadsheets organized by county (Appendix C). Information pertinent to calculating water withdrawals included permit number, well construction data, capacity (natural flow rate in gallons per minute), planar coordinates (location) of the wells, and status (e.g. is well currently existing or proposed). Data for wells in Indian River County were obtained from St. John's River Water Management District and compiled into separate spreadsheets. Other data in the water use spreadsheets include crop type, permitted annual allocation, soil type, irrigation efficiency, total irrigated acres, rain station code, etc. These additional permit data were included to provide flexibility in applying the traditional Blaney-Criddle method for estimating water withdrawals.

Water requirements of various crops generally is estimated by the District using a method described by the U. S. Soil Conservation Service (USDA, 1970). This method uses the modified Blaney-Criddle formula. Factors such as crop type, soil type, air temperature, daylight hours, effective rainfall, and irrigation system efficiency are used to estimate the irrigation requirements of various crops. This method is useful for estimating crop water needs but does not address the source water for these needs. In the study area, surface water systems in the form of major canals and feeder ditches are the dominant

irrigation source. Unblended FAS water is highly mineralized and marginally tolerable to citrus.

The tolerance range of citrus trees to chloride levels in irrigation waters varies depending on the tree type (e.g. orange, grapefruit, tangerine, etc.) and the irrigation method. The leaves of the trees are more sensitive to saline irrigation water than their roots are; therefore, methods of irrigation like overhead spray require water with lower chloride concentrations than a method like drip or flood. The tolerance range for the average citrus tree type for three common irrigation methods employed in the UECPA are listed in Table 4 (Calvert, 1982). Chloride concentrations in waters from FAS wells range between 300 milligrams per liter (mg/l) to 3,000 mg/l and average 900 mg/l throughout the UECPA. It was found that in areas where surface water supply is available (close to major canals, etc.), existing FAS wells are only occasionally used during the normal growing season.

To address the FAS utilization issue, a questionnaire was developed and distributed to the majority of permit holders in the UECPA (Appendix F). Agricultural water withdrawals were estimated using the results of this questionnaire. They were distributed to 360 agricultural permit holders in the study area. A comprehensive series of questions about FAS water use was included in the survey. Among other things, the questions were designed to allow quantitative analysis of the water withdrawn for the 1989 to 1990 time period as well as "average year" patterns. Part of the questionnaire asked for the amount of time FAS wells were allowed to flow freely during each month of the calibration period (May 1989 to March 1991). Responses to 130 questionnaires, 36 percent of those delivered, were entered into a database software program (DBASE). The program was used to calculate the average hours Floridan aquifer wells were allowed to flow freely

Table 4. Citrus Chloride Tolerance Levels for Common Irrigation Methods
(Calvert, 1982)

| <u>Irrigation Method</u> | <u>Chloride Concentration Tolerance Level (ppm)</u> |
|--------------------------|---|
| Overhead Sprinkler | 800 to 1,000 |
| Drip | 1,500 to 2,000 |
| Flood | <2,000 |

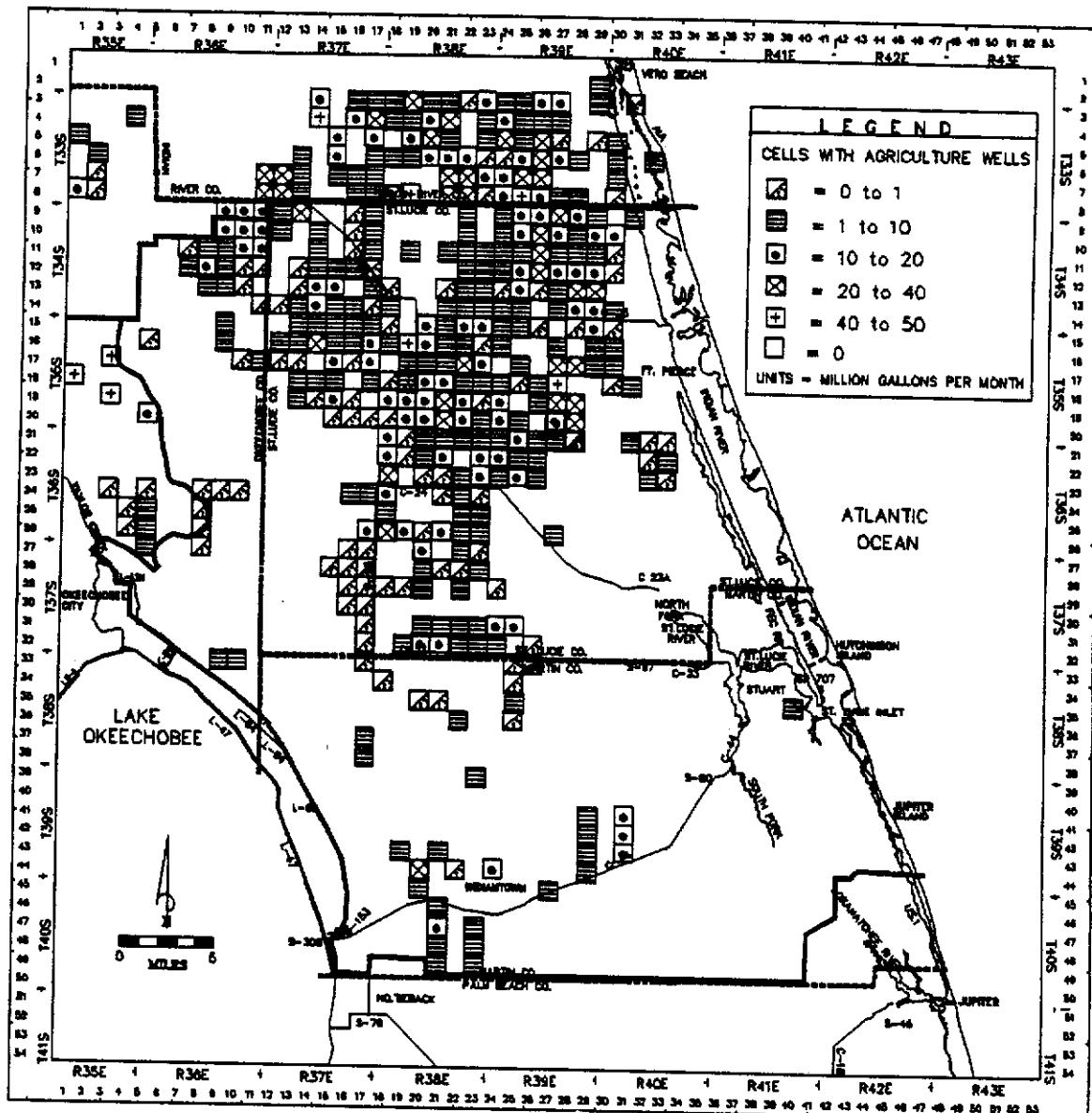


FIGURE 22: Estimated Agricultural Water Use for March 1990 Used in Steady State Model

during each month of the model simulation. The results are listed in Table 5.

The assumption made in the water use calculations was that the hours a well is open and flowing in any one month (hrs/month), multiplied by that well's capacity (gals/hr.), will equal the water volume withdrawn for that well in that month (gals/month). The capacity of each well was taken from the permits where available, or was estimated based on well diameter (Trost, unpublished). A program was developed to perform the above calculations for each permitted FAS well in the study area. The months of June 1990 through March 1991 were not included on the questionnaire; therefore, the previous years' monthly averages were used in the calculations. Fortunately, precipitation was very similar in these months for 1990 and 1991, so water use was likely very similar.

In cases where no questionnaire response was received for a specific permit, withdrawals were calculated using the average hours outlined above. For those permits where a response was received, the hours per month response was used directly to calculate withdrawals.

In some circumstances, agricultural pumpage reports are submitted to the District on a monthly basis (Appendix B). Those reports were updated using phone contacts and are represented in a separate model file. In all cases, each line (well) includes the permit number for reference. The agricultural pumpage reports and public water supply wells are combined into this file.

Public Water Supply Wells

FAS water is rarely used for public water supply due to its high chloride content. The exceptions are reverse osmosis (R.O.) water purifying facilities on Hutchinson Island, R.O. facilities in southern Indian River County, a Fort Pierce Utilities FAS blending well, and Jupiter R.O. wells. Monthly pumpage from the above wells was obtained either from DER operating reports or verbally from utility operators (Appendix B). The locations of cells with public water supply wells and their total discharge in March 1990 is shown in Figure 23. In cases where there were multiple wells per facility, utility personnel were contacted to obtain a breakdown of water withdrawn per well. All verbal and written contacts were documented in spreadsheet form. The public water supply wells are represented in the same file as mentioned above.

Industrial Uses

One industrial water use of the FAS was found in the study area: Caulkins Fruit Processing Plant near Indiantown, Martin County. Water withdrawal volumes were obtained verbally from the plant operator. This well also appears in the same model file mentioned above.

TABLE 5: AVERAGE HOURS FLORIDAN AQUIFER SYSTEM AGRICULTURAL WELLS USED PER MONTH FROM 1990 SURVEY (HOURS LEFT FLOWING NATURALLY PER MONTH)

| <u>YEAR</u> | <u>MONTH</u> | <u>HOURS</u> |
|-------------|--------------|--------------|
| 1989 | January | 71 |
| | February | 84 |
| | March | 107 |
| | April | 132 |
| | May | 135 |
| | June | 59 |
| | July | 45 |
| | August | 37 |
| | September | 42 |
| | October | 51 |
| | November | 76 |
| | December | 100 |
| 1990 | January | 79 |
| | February | 83 |
| | March | 130 |
| | April | 158 |
| | May | 165 |

Note: Date of Questionnaire, May 1990.

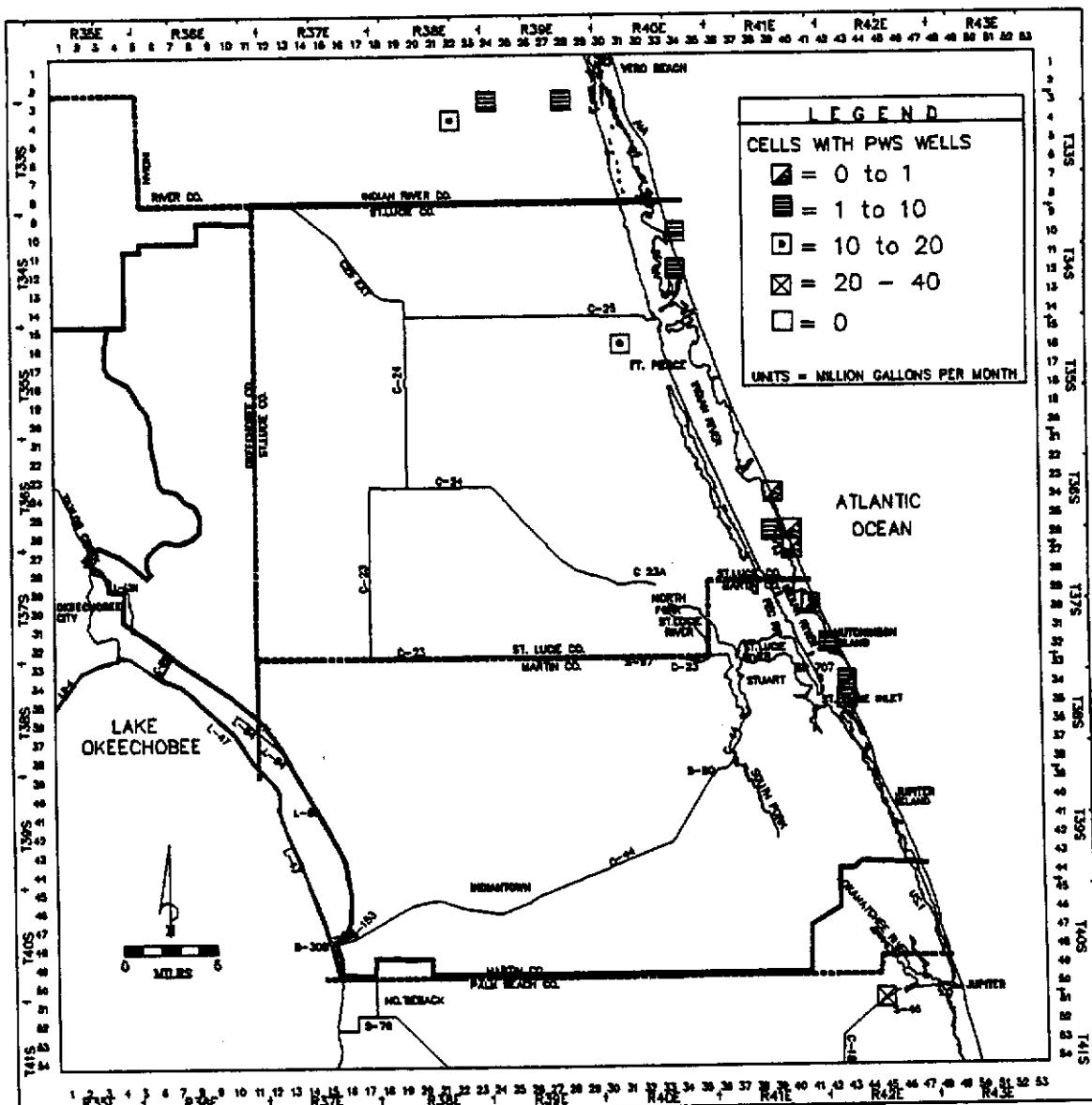


FIGURE 23: Public Water Supply Use for March 1990 Used in Steady State Model

CALIBRATION

The UECPA model was calibrated to both steady state and transient conditions. Layer 2 is the only calibrated layer in this model; it represents the Upper Floridan Aquifer. Wells providing temporal head data in the lower layers were non-existent in the study area; therefore, calibration of those layers was not possible. Locations of observation wells used in the calibration process are shown in Figure 24. The calibration period was May 1989 through March 1991, an interval of 23 months. It was chosen to correspond with the period that monthly UFA water levels were collected by the District. UFA water levels have been collected semi-annually by the District since 1979 as part of a cooperative program with the USGS. During the period between September 1989 and August 1991, the frequency of data collection was increased to monthly, and the number of wells on the monitor well network was increased to 54 specifically for this study. The last five months of the data collection period (April to August 1991) were not used in this model but may be incorporated into future versions. All monitor wells in the network were surveyed by District personnel. Each well's elevation, referenced to NGVD datum, was obtained and used for all head calculations in the model. A multi-year period was chosen so that the effect of annual variations in irrigation practices could be seen.

STEADY STATE CALIBRATION

Methods

Steady state is a theoretical condition which defines the aquifer system in a state of equilibrium. In other words, given the average water budget (inflows and outflows) of the aquifer and given enough time for water levels to stabilize, a definable water level will be attained. Heads computed by the steady state model should emulate that theoretical water level.

The theoretical steady state water level is not a physical property measurable in the field. Rather, it is based on an educated guess of what that equilibrium level should be. Measuring the degree of calibration of the steady state model, therefore, is not an exact science and is assessed by comparing how close the model comes to computing a hypothetical steady state water level based on speculative average budget conditions.

The goal was to simulate steady state water levels representing the average month in a year. Therefore, average month conditions were input into the model. Those conditions included well

withdrawals and boundary fluxes. Hydrographs of FAS wells in the study area demonstrate water level fluctuations ranging from as little as one foot to as high as eight feet between the ends of wet (September) and dry seasons (May). The larger fluctuations are found in areas of high well densities. The average observed water levels for the majority of UFA wells occur in the month of March. Therefore, March 1990 levels were assumed to approximate steady state levels under average annual conditions. March 1990 stresses and fluxes were implemented as inputs to the steady state model. The resultant computed heads were compared to March 1990 observed water levels. A well was considered calibrated if the difference between computed levels and March 1990 observed levels fell within the minimum to maximum annual water level range for that well. Figure 25 illustrates the difference between the simulated steady state levels and the March 1990 levels.

The steady state and transient models were calibrated interactively. Changes made to one were incorporated into the other. Initial steady state runs served to make the first adjustments to the model parameters. Transient calibration runs were then made and aquifer parameters as well as pumping estimates were refined. These refinements then were applied back into the steady state model. This iterative process was repeated until both models were satisfactorily calibrated.

Results

Layer 2 (Upper Floridan Aquifer)

Figure 26 shows the simulated head distributions within layer 2 (Upper Floridan Aquifer) for March 1990 conditions. All wells fell within the calibration tolerance range. Meeting that criteria was somewhat difficult in one area of the model in particular, which extends from north central St. Lucie County north into south central Indian River County. This area was considered a problem because it displayed the largest difference between computed and March 1990 observed heads. The difference was between 5 to 8 feet and can be seen in Figure 27. This area has a high density of FAS wells, which combined withdrew several million gallons per day in March. Observation wells in this area include SLF-3, SLF-70 and IR-312. Minimum and maximum annual water levels range 6.5, 6, and 8 feet respectively in these wells. Satisfactory calibration was attained but just within the range

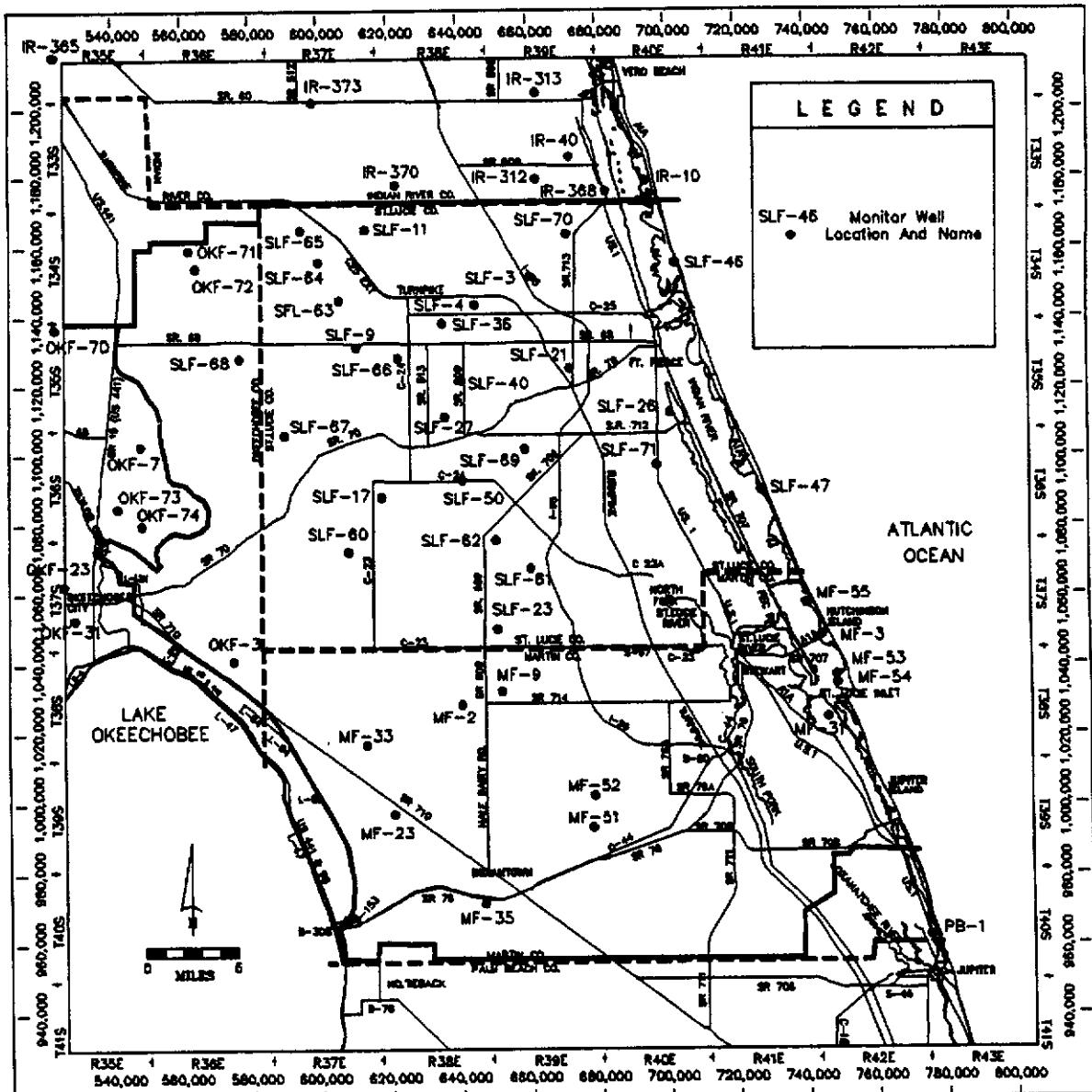


FIGURE 24: Location of Monitoring Wells Used to Verify Modeled Water Levels

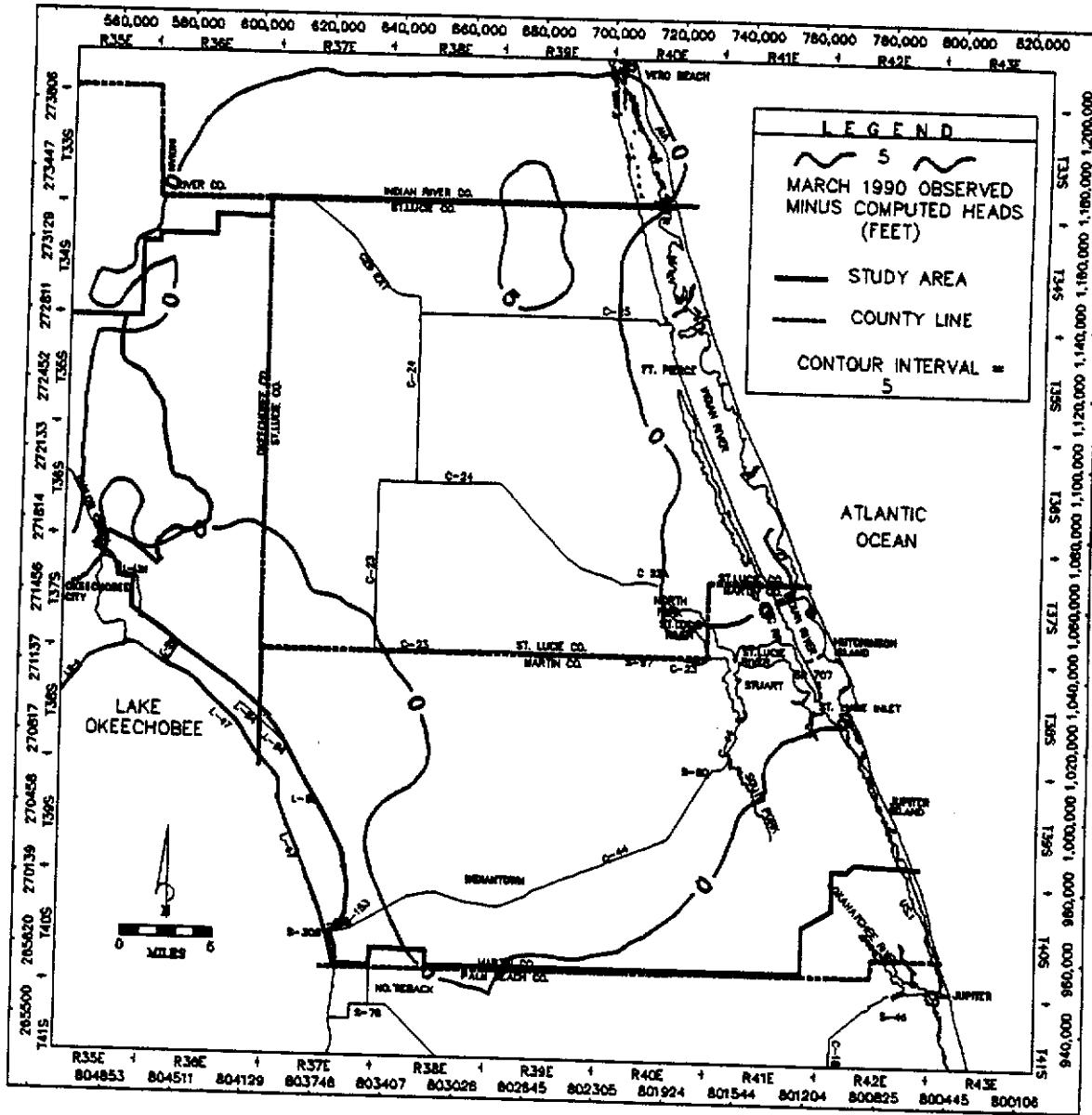


FIGURE 25: March 1990 Observed Minus Steady State Computed Water Levels, Layer 2

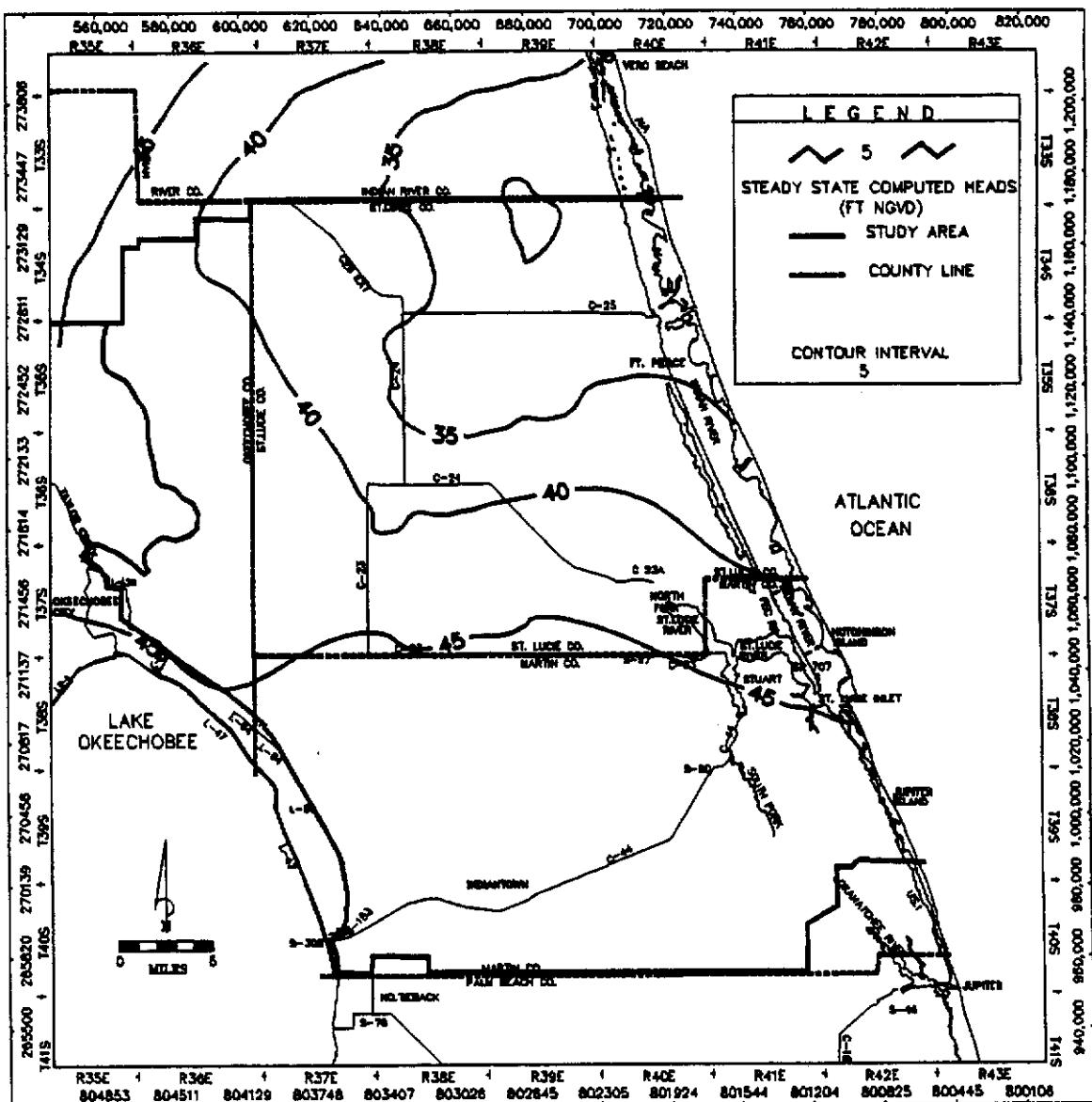


FIGURE 26: Simulated Steady State Computed Water Levels, Layer 2

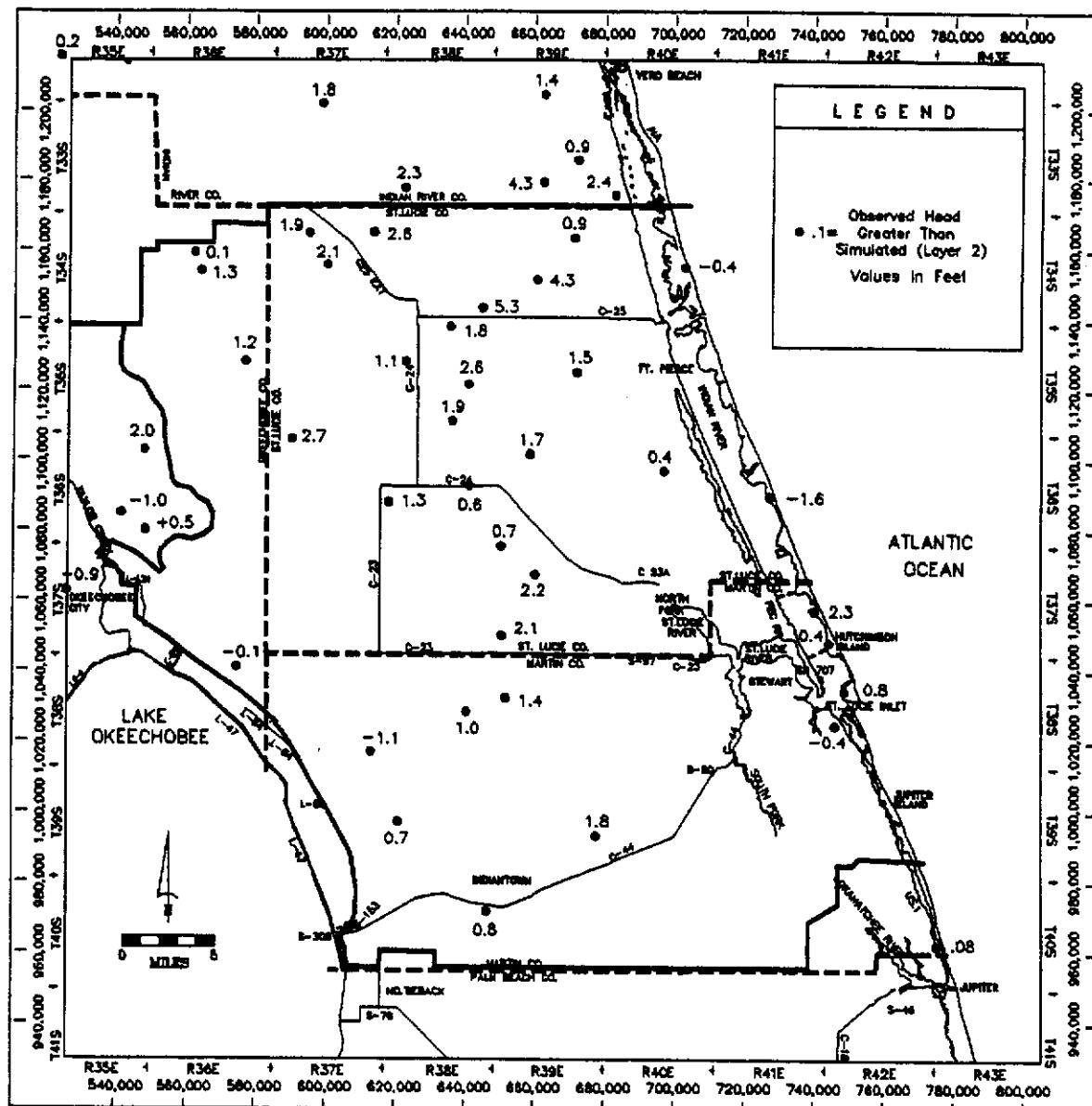


FIGURE 27: March 1990 Observed Water Levels Minus Simulated Steady State Water Levels, Layer 2 (Upper Floridan Aquifer)

defined. In all other model areas, the difference between computed and March levels was much closer and easily met the calibration criteria.

Figure 28 shows the direction and magnitude of simulated horizontal flow in the Upper Floridan Aquifer. Each arrow represents the direction and magnitude of flow from an individual cell. The horizontal flow arrows generally point toward areas of intensive ground water use. The largest and most numerous flow vectors are in west central and north central St. Lucie County. These two dense clusters point toward two areas of intense water use from the FAS. Large clusters of flow vectors are also seen in all the north central and western portions of Indian River County. Figure 29 is a representation of the vertical flow vectors between layer 1 and layer 2. Downward flow from layer 1 to layer 2 is seen in the Highlands area of Okeechobee County where water levels of the SAS are higher than the FAS because of the high ground level elevation. Upward flow is generally the rule since water levels are higher in the FAS than in the SAS over the rest of the study area. Figure 30 illustrates the simulated vertical flow vectors between layer 2 and layer 3. It can be seen that most vectors are upward and the largest flow vectors are associated with areas of intense well discharges.

Figure 31 illustrates the volumetric budget in layer 2 for steady state conditions. Approximately 91.1% or 140 million gallons per day (MGD) of the total inflow to this layer is recharge from the LFAPZ1 (layer 3), 8.7% (13.4 MGD) is from the general head cells, and 0.2% (0.25 MGD) is from downward leakage from the Surficial Aquifer System (layer 1). The flow from the general head (specified flux) cells represents flow into the modeled area from Okeechobee and Indian River counties. Of the total outflows, 4.8% (7.4 MGD) is downward leakage to layer 3 (LFAPZ1), 4.5% (6.6 MGD) is upward leakance to the Surficial Aquifer (layer 1), .01% (1.5 MGD) is to general head cells, 53.3% (81.8 MGD) is to agricultural wells in the UECPA, 27.2% (41.7 MGD) is to wells in Indian River County, 9.4% (14.5 MGD) is to all other wells whose pumpage is reported. Generally, water supply pumpage is balanced by upward leakage from lower parts of the FAS. Outflow to the general head cells represents horizontal flow out of the modeled area, mainly to northeastern Indian River County and to a limited degree to the ocean.

Layer 3 (Lower Floridan Aquifer Producing Zone 1)

Figure 32 shows the water levels within layer 3 (LFAPZ1) for March 1990 conditions. Layer 3 observed minus steady state computed heads is

shown in Figure 33; they range between 0 and 9 feet with the highest drawdowns in areas with intense agricultural water withdrawals from layer 2 (UFA). Figure 34 shows the magnitude and direction of simulated horizontal flow in layer 3 (LFAPZ1). It can be seen that the vectors are similar to those in layer 2. The larger clusters point in the direction of intensive water use from layer 2. Although there is negligible pumping from layer 3, water in layer 3 flows in response to pumping from layer 2 (the UFA). The vertical flow representing leakage between layers 3 and 4 can be seen in Figure 35. Most of the flow is upward providing recharge to layer 3. Large upward flows are seen in areas of intensive withdrawals from layer 2.

The volumetric budget for layer 3 is illustrated in Figure 36. The majority of inflow, 82.8% (134.8 MGD) is upward leakance from the LFAPZ2, 12.7% (20.6 MGD) comes from general head cells, 4.5% (7.4 MGD) comes in from layer 2 (UFAS). The flow from the general head cells represent flow into the modeled area from Okeechobee and Indian River counties. Total outflow consists of 85.9% (139.9 MGD) to upward leakage, 13.1% (21.3 MGD) to downward leakage, 0.01% (1.5 MGD) to general head cells. The outflow to general head cells represents flow out of the modeled area into northeastern Indian River County and partially to the ocean.

Figure 37 shows the combined volumetric budget for the entire model. Total inflow consists of 79.7% (4.12 billion gallons per day (BGD)) from constant head cells, 20.3% (1.0 BGD) from general head cells. Constant head sources are either layer 4 (LFAPZ2) or the north and west boundaries of layer 4. Total outflow consists of 16.6% (851.7 MGD) to constant head cells, 1.9% (100.1 MGD) to general head cells, 48.3% (2.5 BGD) to UECPA agricultural wells, 24.6% (1.3 BGD) to Indian River wells, 8.6% (446.4 MGD) to other reported well pumping including public water supplies. The outflow through the constant head cells represents movement out of the northeastern boundary of layer 4 (LFAPZ2) boundaries, layer 4 itself, and to a smaller extent layer 1 (SAS).

TRANSIENT CALIBRATION

Methods

The transient model differs from the steady state in that several time periods (stress periods) representing months are simulated. The model calculates heads for each stress period of the simulation based on defined boundary conditions and stresses for each month simulated in the model. The transient model comprised 23 stress periods

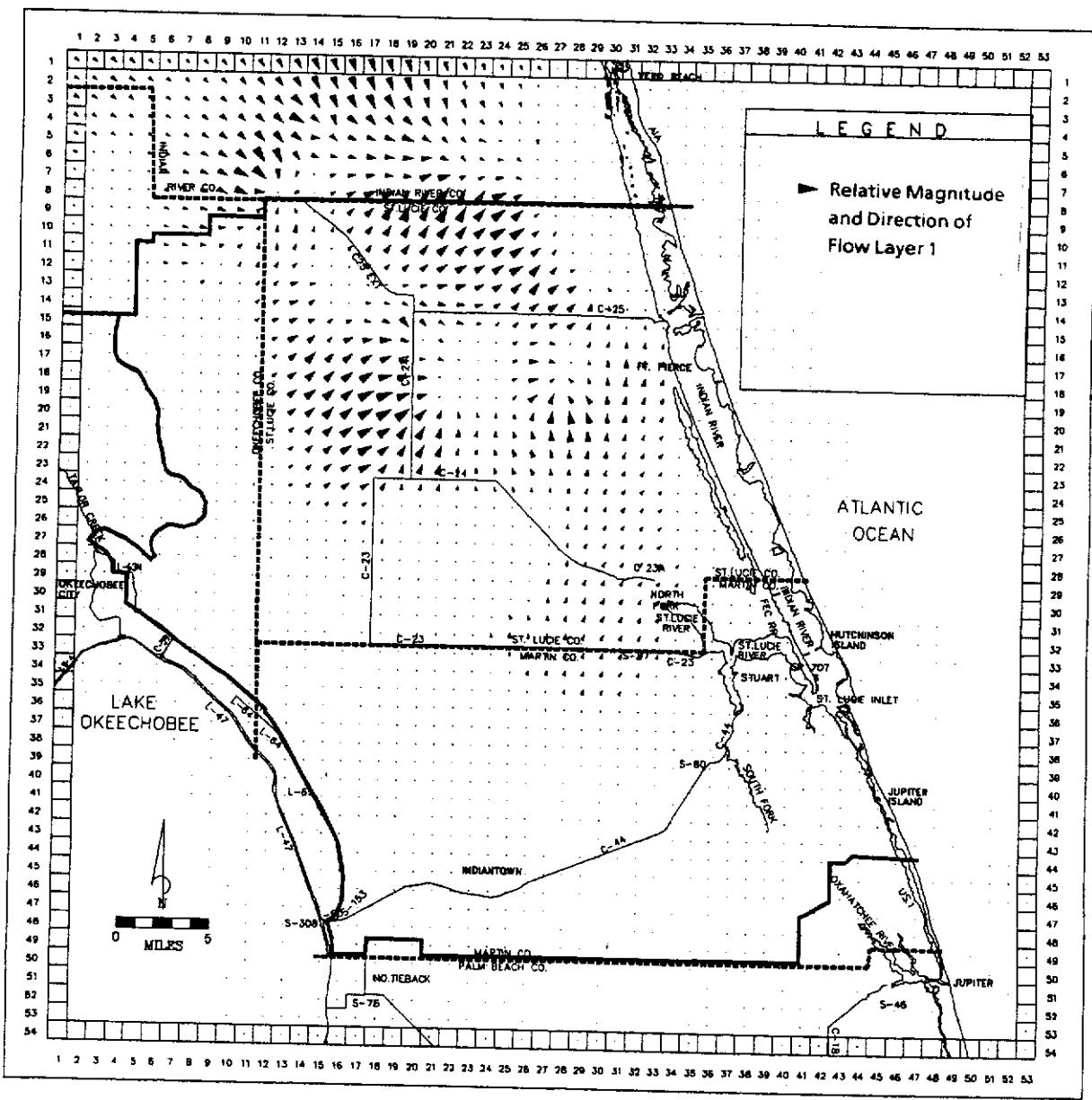


FIGURE 28: Simulated Steady State Horizontal Flow Vectors, Layer 2 (Upper Floridan Aquifer System)

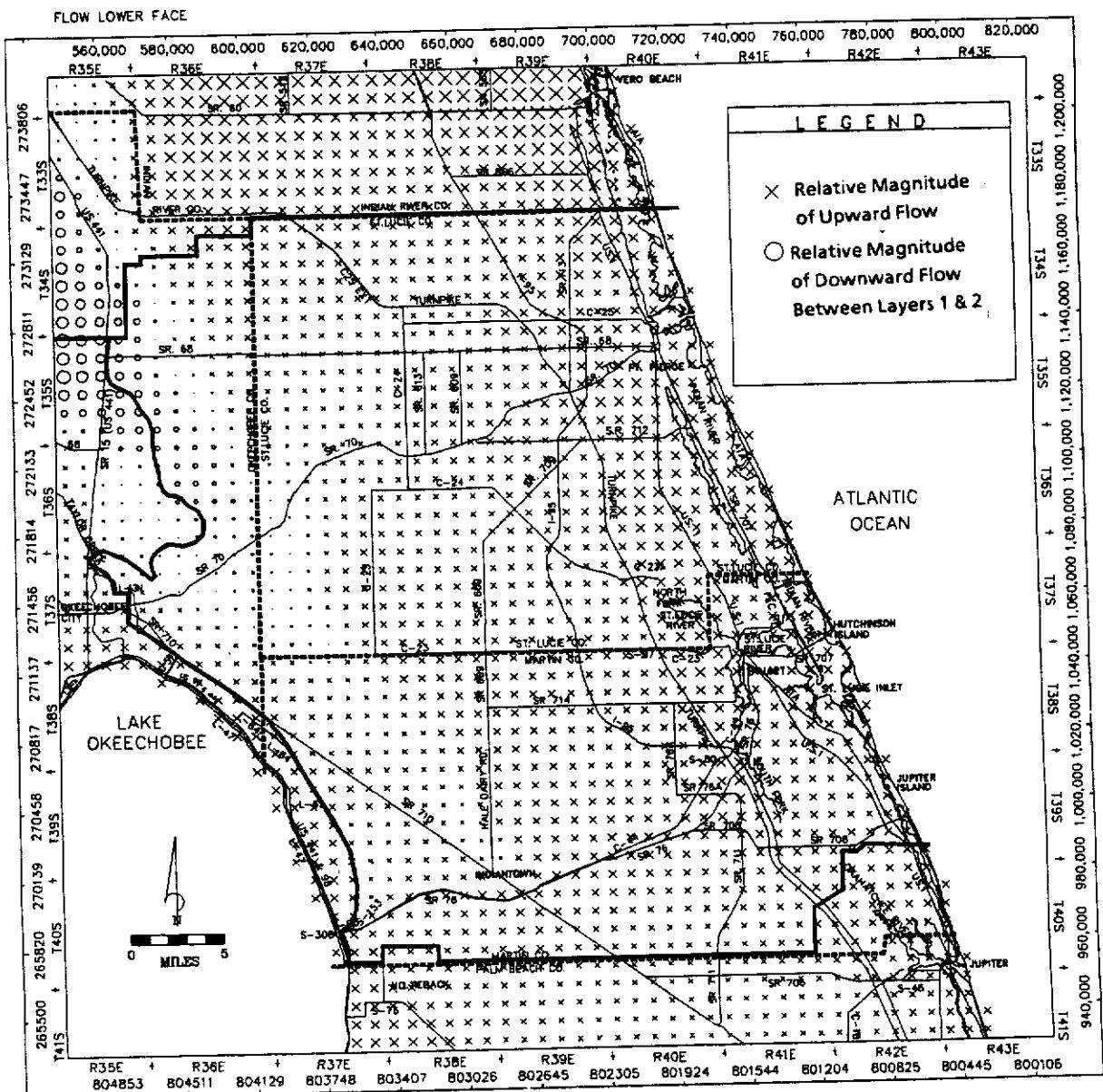


FIGURE 29: Simulated Steady State Vertical Flow Vectors Between Layers 1 and 2

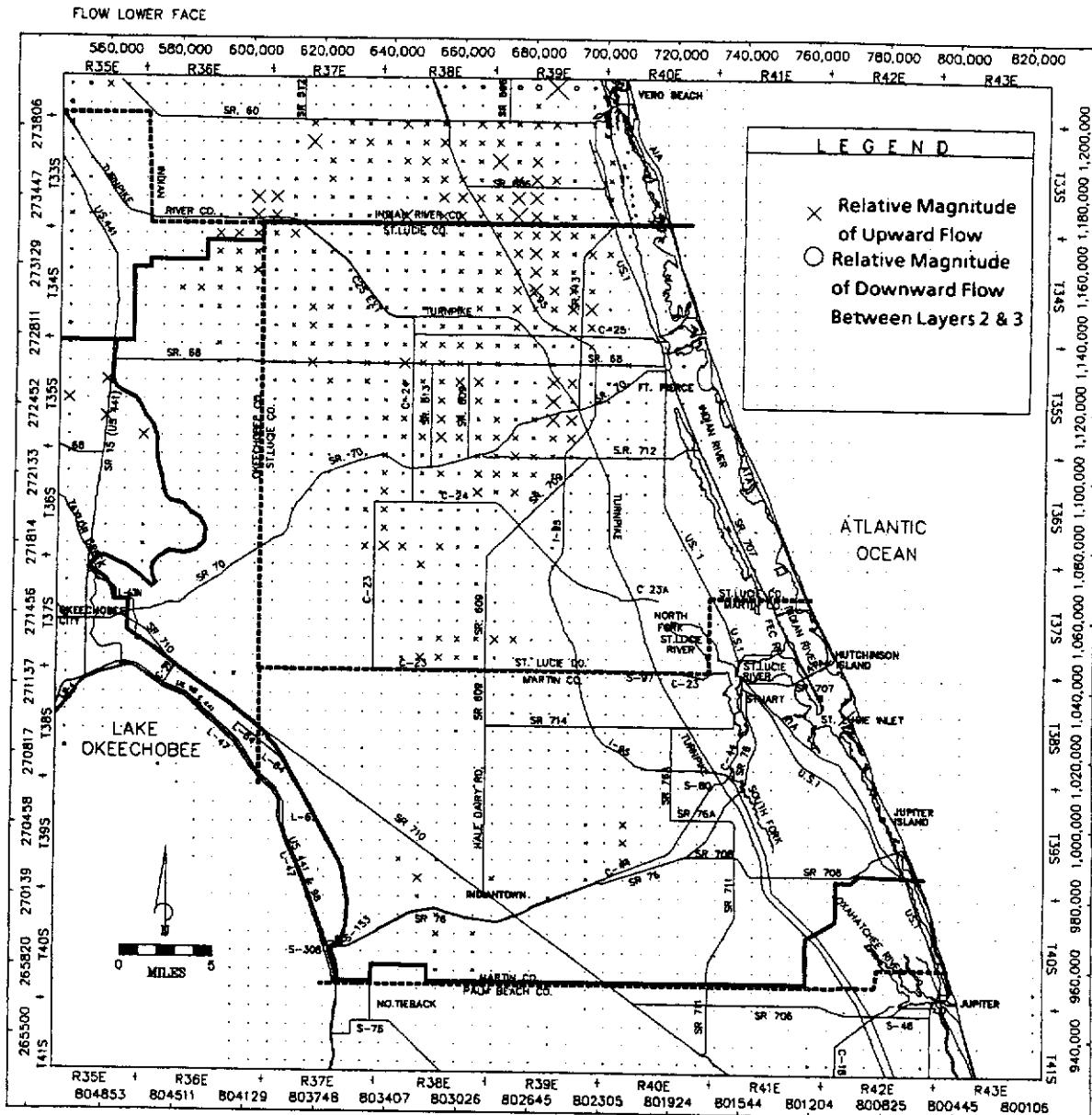


FIGURE 30: Simulated Steady State Vertical Flow Vectors Between Layers 2 and 3

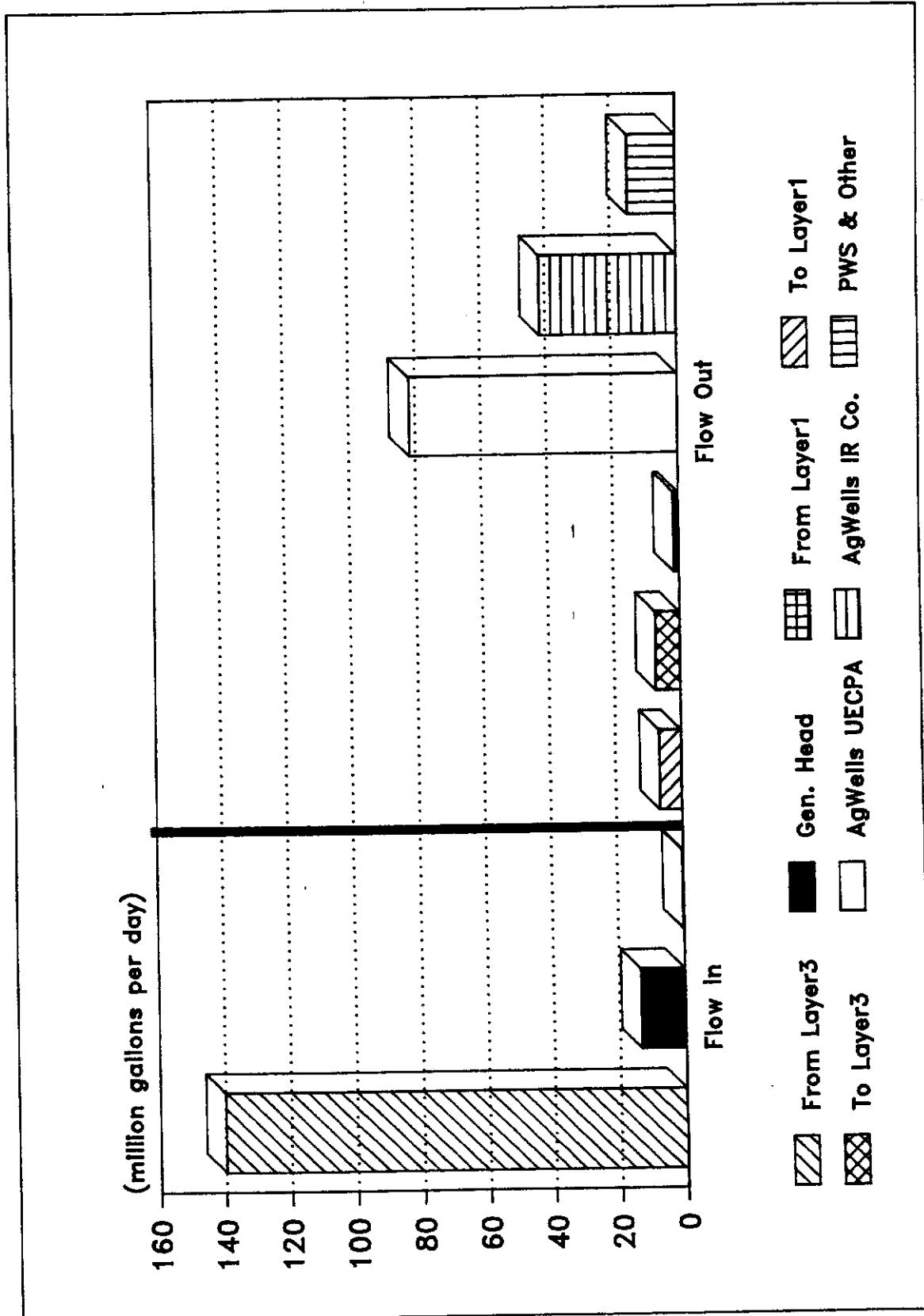


FIGURE 31: Volumetric Budget, Layer 2 (Upper Floridan Aquifer),
Steady State Conditions

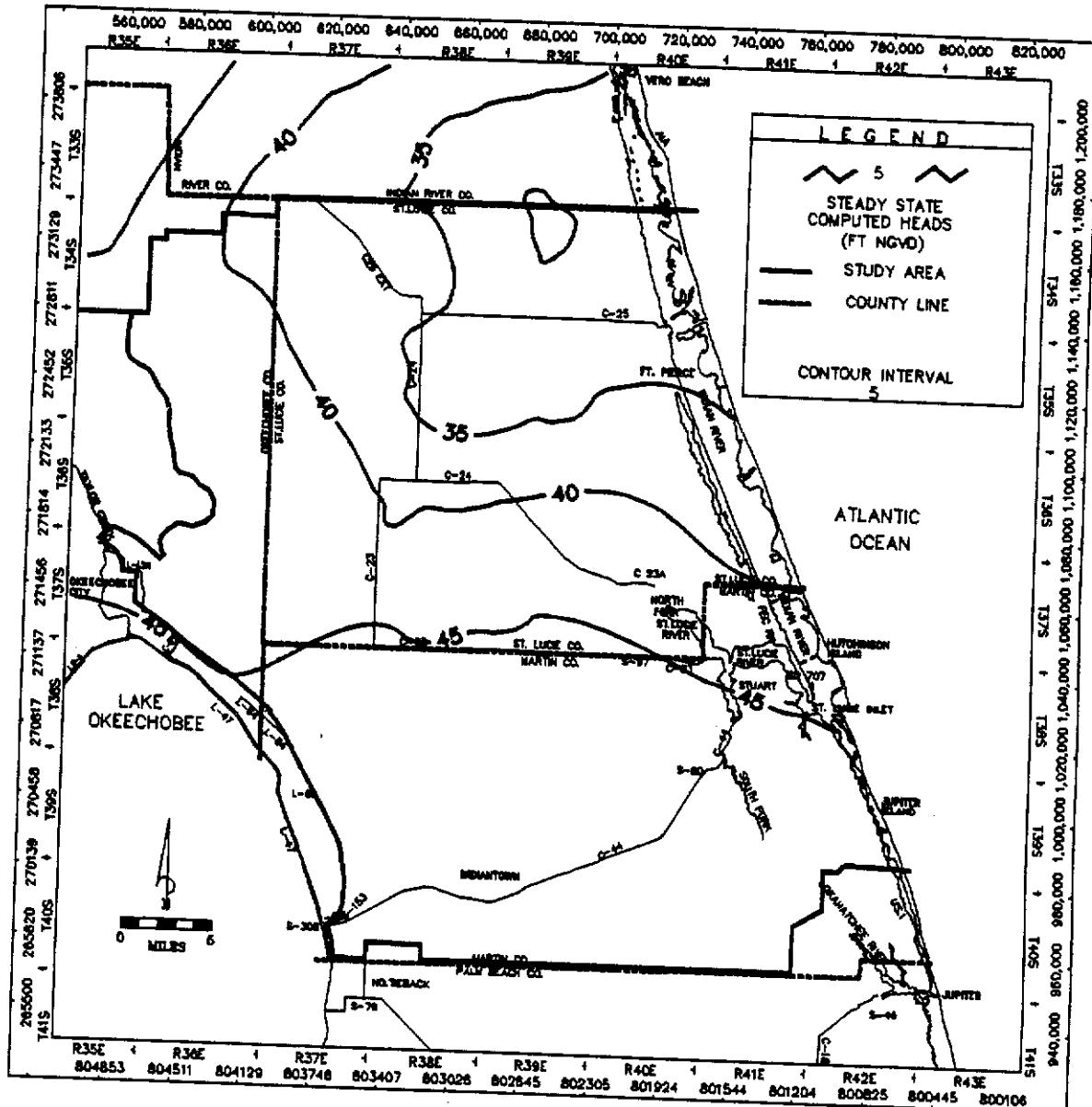


FIGURE 32: Simulated Steady State Water Levels , Layer 3

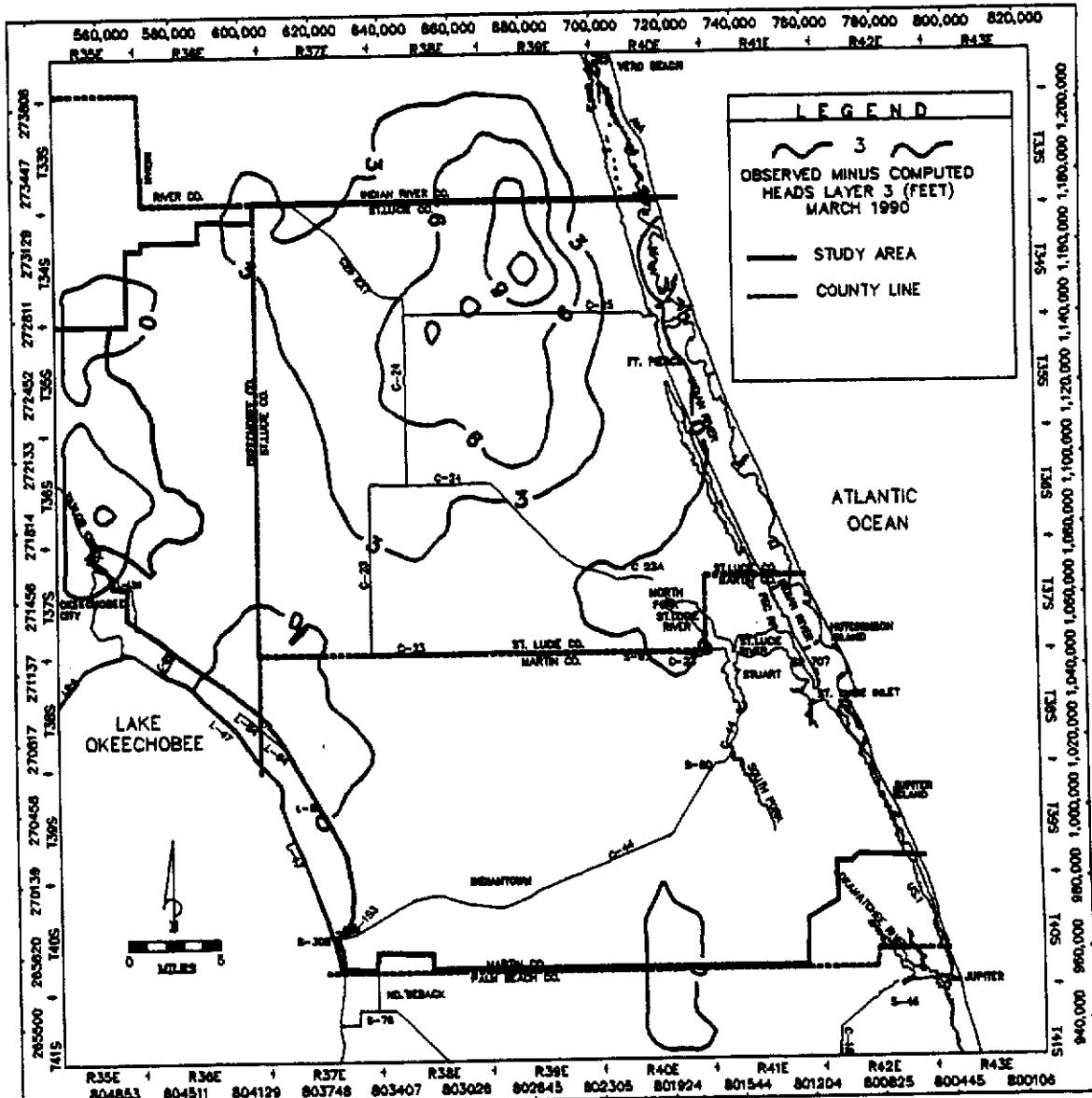


FIGURE 33: March 1990 Observed Minus Steady State Computed Heads, Layer 3

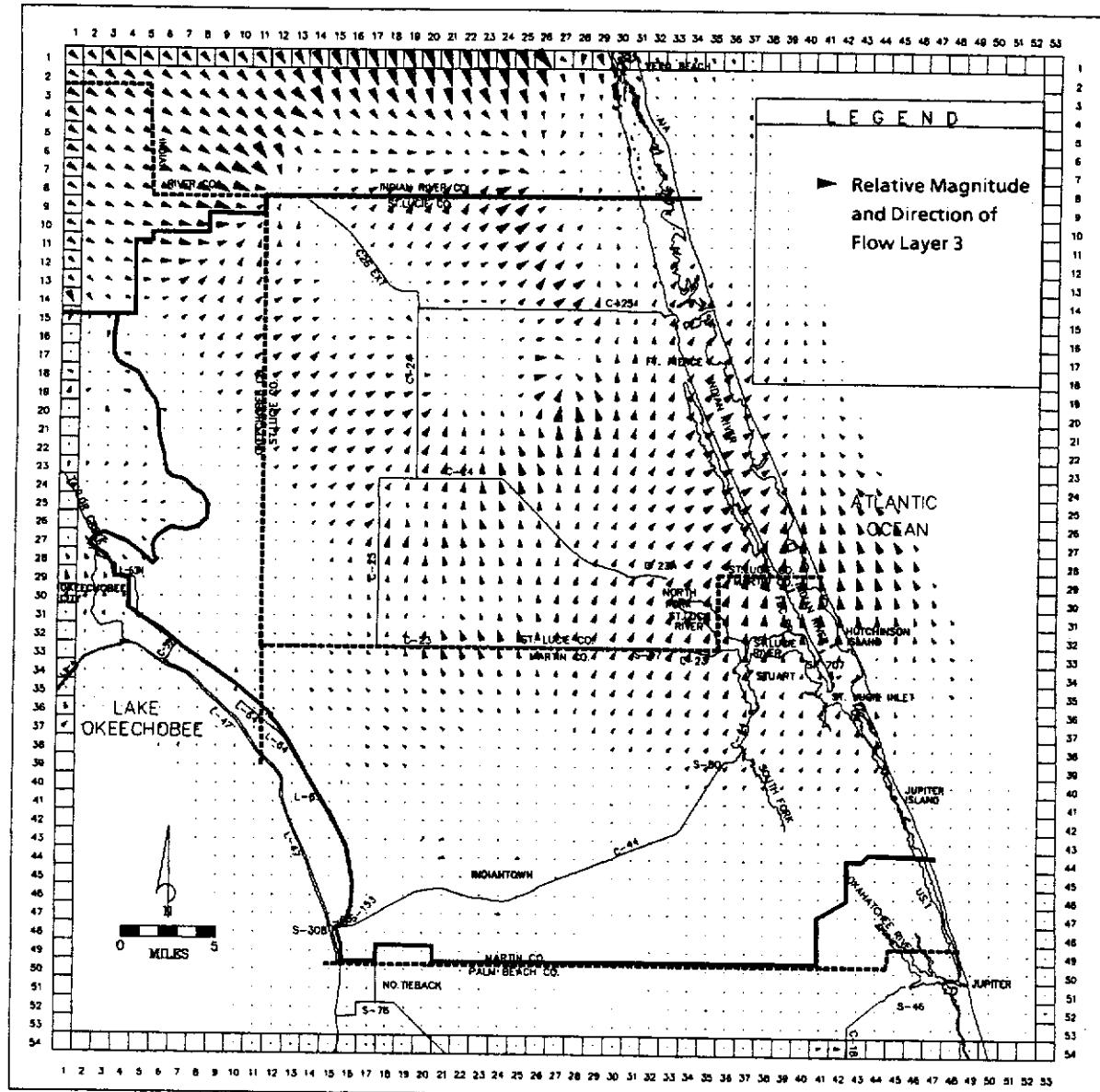


FIGURE 34: Simulated Steady State Horizontal Flow Vectors, Layer 3

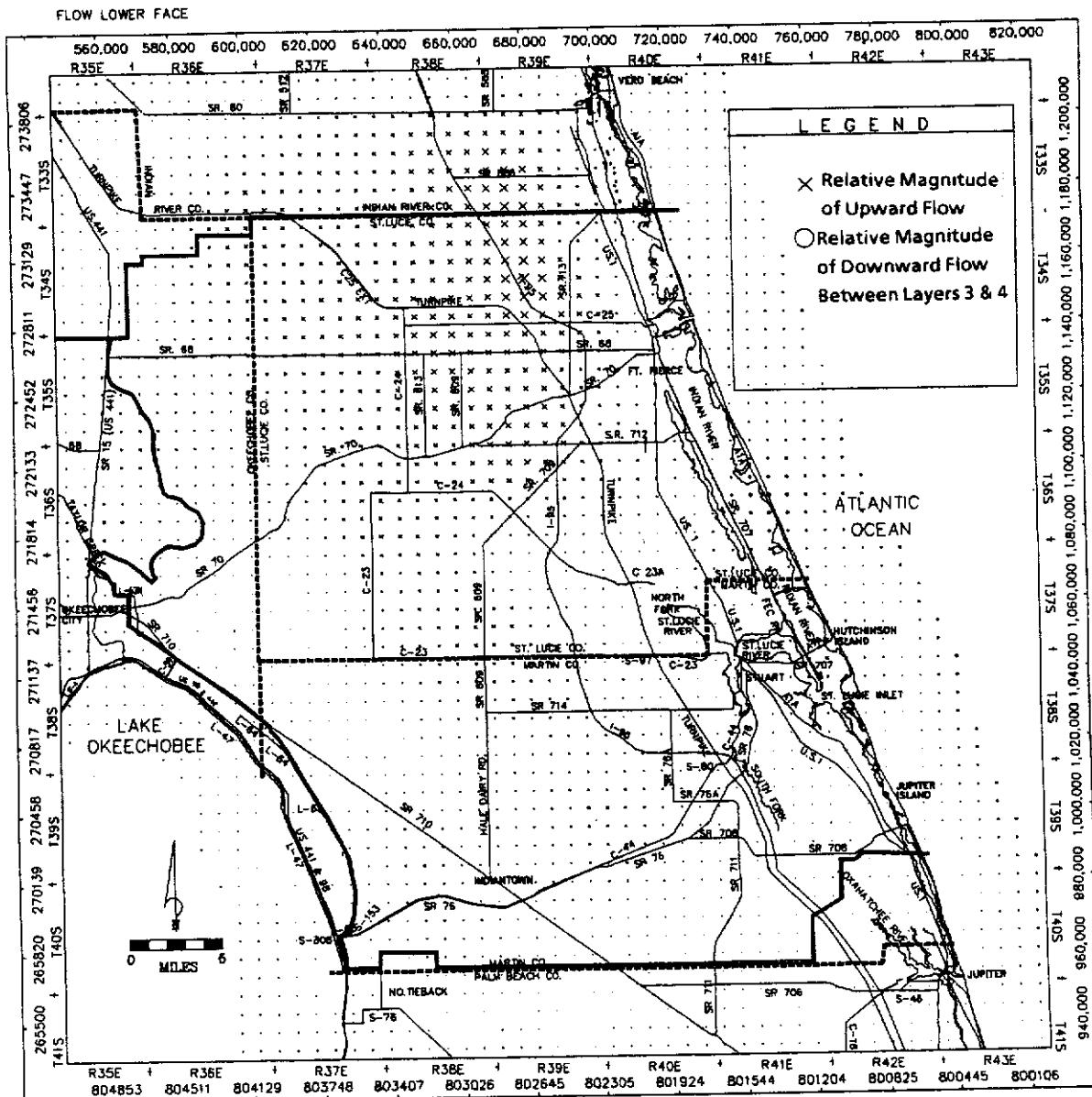


FIGURE 35: Simulated Steady State Vertical Flow Vectors Between Layers 3 and 4

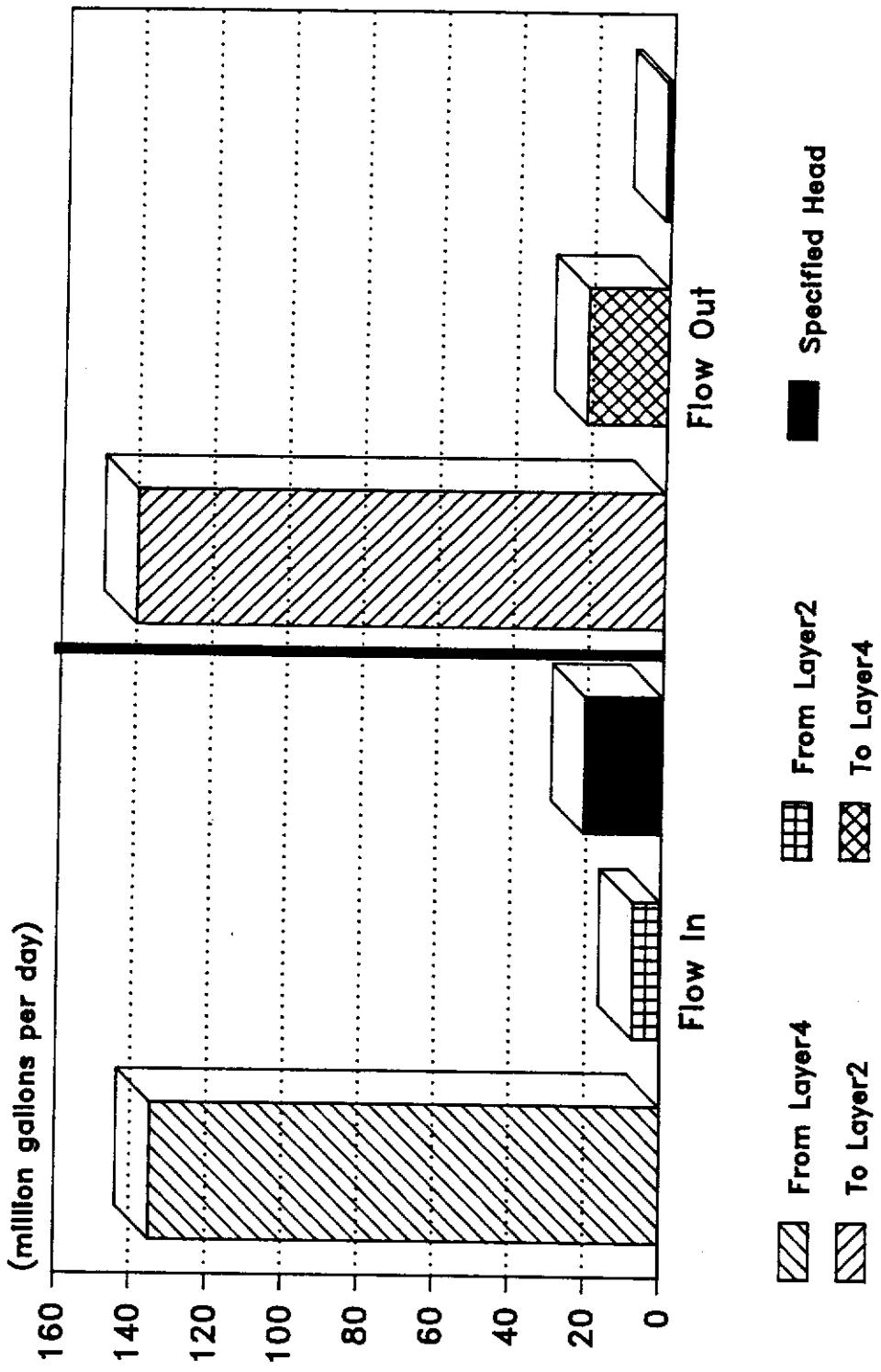


FIGURE 36: Volumetric Budget, Layer 3 (LFAPZ1), Steady State Conditions

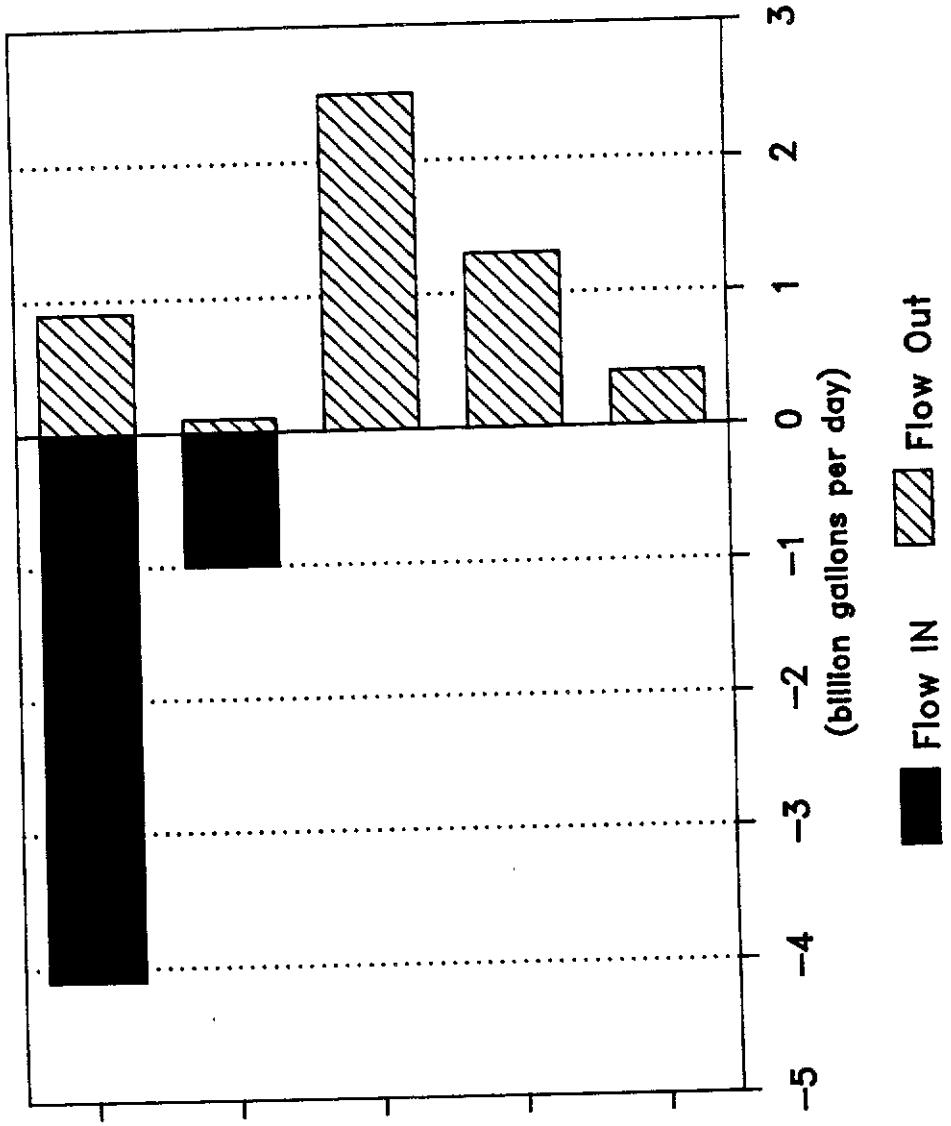


FIGURE 37: Volumetric Budget for Entire Model

representing 23 months. Each stress period contained five time steps. The number of time steps was found to have little effect on final computed head solutions.

Calibration is based on a good match between computed heads for each stress period and monthly water levels observed at monitor wells. Computed and observed heads cannot always match perfectly for reasons which will be addressed later. A tolerance range is typically defined for calibration criteria. In this case, the tolerance range for the average difference between modeled and observed heads averaged over the calibration period was ± 4 feet. This range was chosen based on previous studies where ranges from 4 to 5 feet were applied to deeper confined aquifer systems (Bower, 1990; Smith, 1990). The model was considered to be satisfactorily calibrated, within the tolerance range, to all 54 observation wells on the network. The range of observed versus simulated average head differences was between -2.0 and +2.7 feet (Figure 38).

The tolerance range for confined aquifers is generally higher than the range for unconfined for the following reasons:

1. In unconfined aquifers, small changes in water levels reflect potentially large impacts, particularly to wetlands, and
2. The aquifer parameters, especially storativity, of the deeper confined aquifers cause heads within these aquifers to fluctuate more in response to stress when compared to unconfined aquifers.

Comparative hydrographs for observed and simulated water levels were generated for those cells that correspond to the locations of monitor wells (Appendix E). These were used to aid in the interpretation of the numerous model runs. Where a month's data was not available, a value of 20.10 feet was assigned to fill in the data gap. This was necessary due to limitations in the program that generated the plot. Therefore, all 20.10 foot values on the comparison plots should be disregarded.

The agreement of a computed water level with its counterpart observed level can be affected by the following conditions:

1. MODFLOW simulates well withdrawals from a cell as a single stress located at the node, or center of the cell. In reality, the area represented by a cell may contain many pumping wells. This situation is common throughout the UECPA model, due to the large size of the cells. Combining all the well

withdrawals located within a cell and locating the total withdrawal at the center of the cell is not a completely accurate simulation. In addition, the computed head in a cell represents the average of all heads within the cell. In reality, the head will vary throughout the area represented by a cell in response to the actual stresses. In areas of higher ground water gradients, such as those caused by intensive well withdrawals, water levels throughout a cell can vary significantly from the average. If a cell contains both a monitor well and intensive well withdrawals, or a monitor well is located in a cell adjacent to a cell or cells containing intense well withdrawals, or if a monitor well is not located near the center of the corresponding cell, the agreement of simulated water levels with observed levels can be affected significantly. This situation is referred to as cell-wide averaging, and occurs at several locations in the UECPA model.

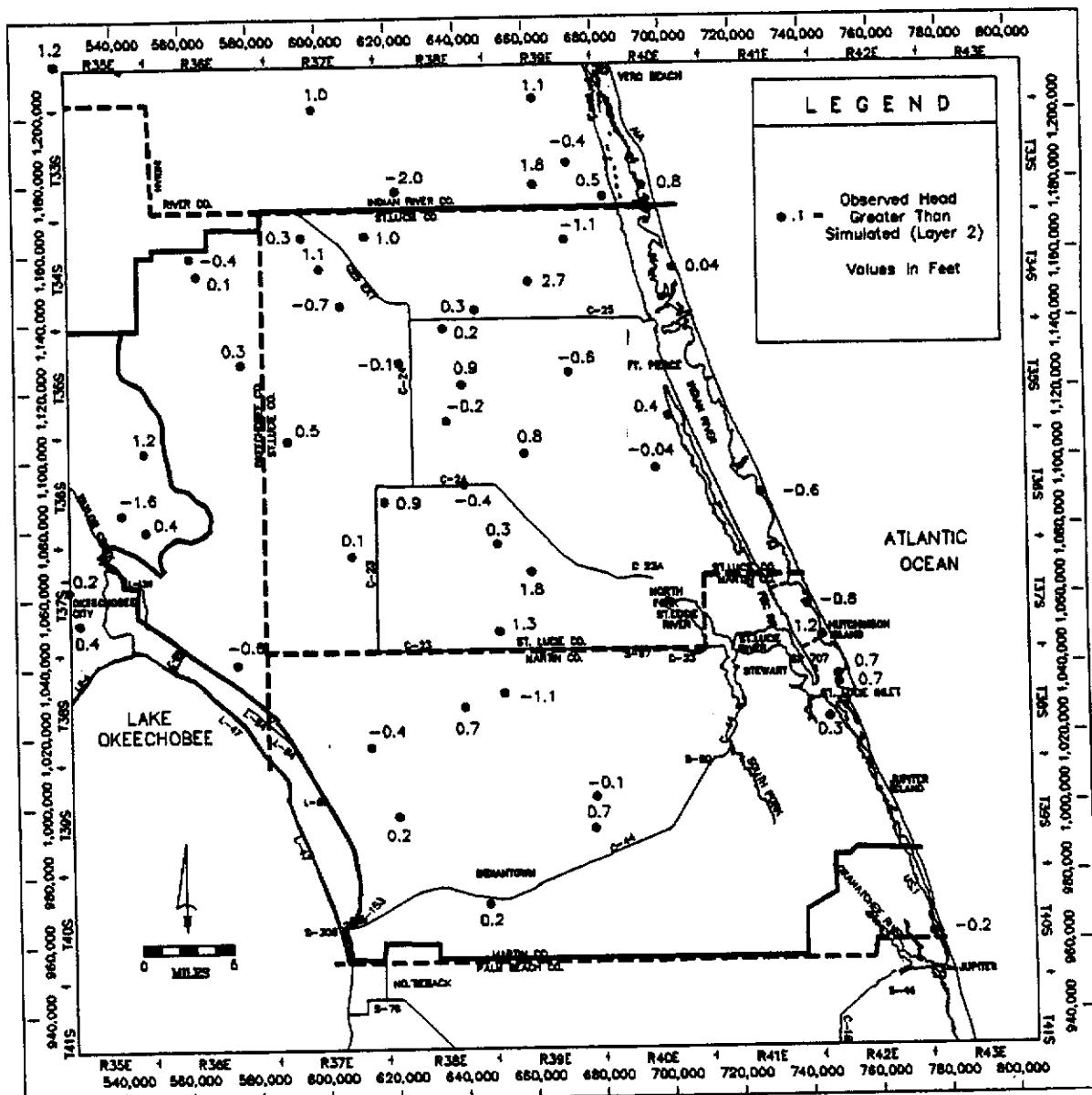
2. The model was run using one month stress periods, and the simulated heads represent end of the month levels. Observed water levels were taken on various days throughout a given month. The discrepancy caused by this situation can be minimized by averaging the difference between observed and simulated heads over the calibration period when comparing the results.

Initially, the model was run with the input data sets as discussed in the Model Description section of this report. Modifications to these data sets necessary to achieve calibration are discussed in the following sections.

Layer 2 (UFA) is the only layer calibrated in this model so most changes were made to the parameters and pumping estimates of this layer. Layer 1 (Surficial Aquifer System) had no effect on layer 2 calibration because the layer 1 V_{cont} (leakance) term was extremely small. Confidence in layer 1 V_{cont} is relatively high since the thickness and impermeable nature of the Hawthorn confining unit is well known. The SAS was modeled as a separate layer primarily to see the amount of recharge it received from the UFA. That volume was determined in the steady state run volumetric budget and is approximately 6 million gallons per day.

The adjustments to the model were made in three ways listed in order of importance:

1. Vertical conductance (V_{cont}) of layer 2 and layer 3



**FIGURE 38: Average Observed Minus Transient Computed Heads, Layer 2
(Upper Floridan Aquifer)**

- 2) . Refinements to water use estimates, and
- 3) Prescribed head levels in layer 4.

Each of these adjustments merit their own discussion and are documented in the following three subsections.

Vertical Conductance

Because layer 2 (UFA) is well confined and because the natural head gradient favors upward flow, very little water enters layer 2 from above. The only exception is in the high ground level elevation areas where the flow gradient is reversed. Most of the recharge sources typical for an unconfined system such as rivers, canals, and rainfall do not reach the UFA (layer 2) in the study area. Rather, the recharge source is either from below through upward vertical leakance or from the boundaries. It became clear early in the calibration process that most water taken from the UFA via wells is replaced with vertically migrating water from below the UFA.

The model was sensitive to vertical conductance (V_{cont}) adjustments to both layers 2 and 3. Relatively little is known about the degree of interconnection between the UFA (layer 2) and LFAPZ1 (layer 3). Less is known about the interconnection between the LFAPZ1 (layer 3) and LFAPZ2 (layer 4). Layer 2 and layer 3 vertical conductance was varied from 0.05 day^{-1} to 0.00001 day^{-1} , which represents the range reported in UFA (layer 2) aquifer performance tests. It was determined that calibration of layer 2 could be attained using many combinations of layer 2 V_{cont} and layer 3 V_{cont} . One of the two unknown V_{cont} variables had to be held constant and the other adjusted to proceed with calibration. Lacking any information on layer 3 V_{cont} and knowing the average layer 2 V_{cont} value obtained from aquifer performance tests, V_{cont} in layer 2 was uniformly set to $.04/\text{day}$ in most of the cells in this layer. The cells not set to this value are east of the coastal fault.

UFA water levels fluctuate radically in monitor wells east of the fault in response to small volumes of withdrawn water. Relatively small volumes are used because agricultural enterprises are virtually non-existent east of the Intracoastal Waterway. Observed and computed heads best matched in barrier island monitor wells when a uniform V_{cont} value of 0.00004 day^{-1} for layer 2 was used east of the fault. The positioning of this fault is discussed in the Transmissivity Section of this report. A large data gap exists in the FAS on the barrier island between monitor well SLF-46 and

SLF-47. Refinements to the model should be made here in the future if data becomes available.

After layer 2 V_{cont} was established, layer 3 V_{cont} was adjusted until computed and observed water levels in layer 2 best matched. The final uniform value of V_{cont} used for all cells in layer 3 was 0.00032 day^{-1} . This value was multiplied by the thickness of the confining zone to ensure that the corresponding values of vertical hydraulic conductivity remained reasonable. The range for vertical hydraulic conductivity was 0.064 to 0.16 ft/day , which is within the expected range for dolomitic limestone (Driscoll, 1986).

Refinements to Wells Package

Once the V_{cont} terms were specified, pumping estimates needed to be adjusted. The pumping estimates were adjusted up in some areas, down in others. The estimates were adjusted upward in all wells for the following months:

| | |
|-----------|-------|
| May 1989 | + 30% |
| June 1989 | + 20% |
| May 1990 | + 34% |
| June 1990 | + 32% |
| July 1990 | + 5% |

This represents changes made to five out of 23 stress periods. Based on model results, actual UFA water use was higher than the average survey response reflected in these months. Water use estimates may have been low for the following reasons:

- 1) Withdrawals by non permitted users were not factored in to the estimates.
- 2) Since these were unusually dry years more water was used than the average permittee responding to the survey was aware of.
- 3) The estimates of use in these months were understated in the survey responses due to concerns about exceeding permitted allocations.

All well withdrawals in Indian River County were decreased by 30 percent. Thirty one percent of all water discharged to wells in the model was from cells in Indian River County. A regional cone of depression caused by these concentrated withdrawals for agricultural irrigation occurred in the south-central portion of the county. The initial estimates were decreased to bring both the steady state and transient models into calibration. Initial water use estimates may have been high because all survey responses were from permittees inside the

SFWMD boundaries and did not reflect Indian River County water use. It appears FAS wells may have been used less there than in the UECPA during the calibration period. The changes to cells in Indian River County do not directly impact model results within the UECPA; they merely alter the fluxes at the boundary of the UECPA. The impacts were considered minimal.

Decreases in water use estimates were made for all stress periods to four small areas in the model where initial estimates created unrealistically high cones of depression. The cells affected and percentage decrease are listed in Table 6 and plotted in Figure 39.

Cells in these four areas have the highest water withdrawals in the model. It is possible those withdrawals were overestimated by 20-30% due to decreased capacity of wells caused by lowered heads. The inherent property of artesian wells to flow less in areas with lower heads is not addressed in this model. Well capacities were obtained either directly from the permit file or were assumed based on the diameter of the wells. The assumptions based on well diameter are based on the average observed capacities relative to casing size. Relatively low heads were observed in those cells where the modifications to pumpage were applied. Therefore, wells in those areas produce less than the original estimates. Modifications to account for this problem is needed in future model versions.

Additions to the initial well package were made in one case where unpermitted wells were withdrawing substantial volumes of water. Lakewood Park is a residential community in north-central St. Lucie County that uses FAS water to fill its numerous man made ponds. Monitor well SLF-70 is owned by the community and used to fill one of approximately 20 ponds on site. There are no records of water withdrawals for the calibration period so estimates were made knowing the number of wells and their capacities. Those estimates were refined by running the model enough times to closely match the observed monthly heads seen at SLF-70.

One addition was made on the St. Lucie County coast where an irrigation well exists, is utilized, and no pumpage reports are kept. That addition was for a single well named SLF-46. The well is also a monitor well. There are no other known FAS wells in the same cell as SLF-46. Reasonable withdrawal estimates were made knowing the well's capacity and purpose. Those estimates were refined by numerous transient model runs until the computed and observed heads closely matched for that cell.

Prescribed Head Levels Layer 4

Prescribed heads in layer 4 were generated initially by interpolating layer 2 (UFAS) March 1990 observed water levels to obtain an array with a head value for each cell in the layer. This was done based on the observation that heads in layers 2, 3 and 4 are generally the same to within ± 3 feet. During the transient calibration process, that array was altered slightly. Initial model runs computed heads in some cells both higher and lower than observed in monitor wells corresponding to those cell locations. The differences between computed and observed values at cells corresponding to monitor wells were recorded. They ranged between -2 to +5 feet. Where those recordings were one foot or higher, they were added to the original March 1990 observed recordings for each respective well. This modified list of water levels then was used to generate a new array of prescribed heads using the interpolative statistical method of kriging. This new array was substituted for the original layer 4 prescribed heads file in subsequent model runs resulting in an improved transient calibration. The modified heads used to generate layer 4 prescribed heads as well as the amount and percent the original value of head changed are listed in Table 7. The cell locations of those wells with modified heads are shown in Figure 40.

The layer 4 prescribed heads represent the steady state water level in that layer. There are not enough data available on layer 4 heads spatially to dispute the final values used in the model calibration.

Results

Layer 2 (Upper Floridan Aquifer)

The model was considered to be satisfactorily calibrated, within the tolerance range, to all 54 observation wells on the network. The range of observed versus simulated average differences was between -2.0 and +2.7 feet. Figures 41 and 42 show the simulated head distributions in May 1990 (end of dry season) and September 1990 (end of wet season), respectively in layer 2. Generally, the highest water levels occur in the south portion of the model. Higher water levels represented by the 48 foot contour line are furthest north in central Martin County. The highest water levels are found in Palm Beach County. The natural flow direction is best described by the end of wet season map when water levels are rebounded fully. This map shows the direction of flow is north in Palm Beach and Martin counties. Soon after crossing the St. Lucie County border, the direction of flow veers more easterly,

**TABLE 6: DECREASES TO INITIAL PUMPING ESTIMATES
FOR CALIBRATION ENHANCEMENT**

| AREA | ROW | COLUMN | % DECREASE |
|--------|-----|--------|------------|
| Area 1 | 10 | 25-26 | 30% |
| | 11 | 25-26 | 30% |
| | 12 | 25-26 | 30% |
| | 13 | 25 | 30% |
| Area 2 | 18 | 20-22 | 30% |
| | 19 | 18-22 | 30% |
| | 20 | 19-22 | 30% |
| Area 3 | 26 | 18-20 | 30% |
| | 27 | 19-20 | 30% |
| | 28 | 19-20 | 30% |
| Area 4 | 6 | 25-26 | 20% |
| | 7 | 25-26 | 20% |
| | 8 | 25 | 20% |

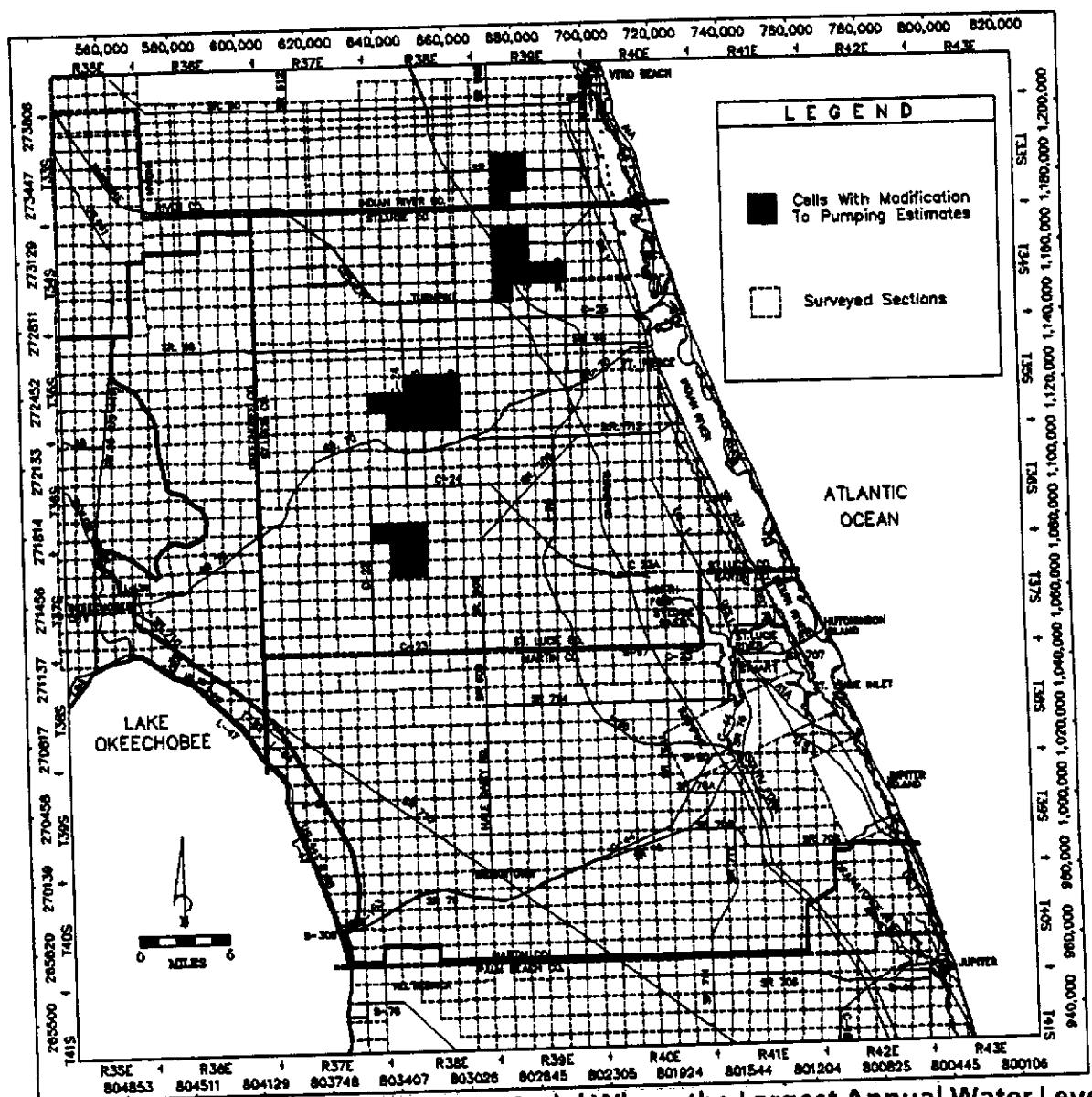


FIGURE 39: Location of Areas in Model Where the Largest Annual Water Level Fluctuations Occur in Layer 2 (Upper Floridan Aquifer) and Where Original Water Use Estimates were Decreased

**TABLE 7: CHANGES MADE TO SPECIFIED HEAD
LAYER 4 FROM MARCH 1990
OBSERVED HEADS**

| Monitor Well Name | Original Mar/90 Head NGVD (ft) | New Mod. Head NGVD (ft) | Changes (ft) |
|-------------------|--------------------------------|-------------------------|--------------|
| MF-3 | 45.0 | 47.0 | 2.0 |
| MF-33 | 45.7 | 46.7 | 1.0 |
| MF-55 | 42.1 | 41.1 | -1.0 |
| OKF-31 | 44.5 | 45.5 | 1.0 |
| OKF-73 | 41.3 | 40.3 | -1.0 |
| SLF-3 | 37.9 | 43.0 | 5.1 |
| SLF-4 | 38.4 | 39.4 | 1.0 |
| SLF-17 | 42.4 | 44.4 | 2.0 |
| SLF-21 | 36.1 | 37.1 | 1.0 |
| SLF-36 | 38.9 | 42.9 | 4.0 |
| SLF-40 | 39.3 | 41.3 | 2.0 |
| SLF-50 | 40.8 | 41.8 | 1.0 |
| SLF-61 | 45.8 | 43.8 | -2.0 |
| SLF-64 | 40.4 | 41.4 | 1.0 |
| SLF-69 | 40.7 | 43.7 | 3.0 |
| SLF-71 | 39.3 | 40.3 | 1.0 |
| IR-312 | 35.6 | 37.6 | 2.0 |

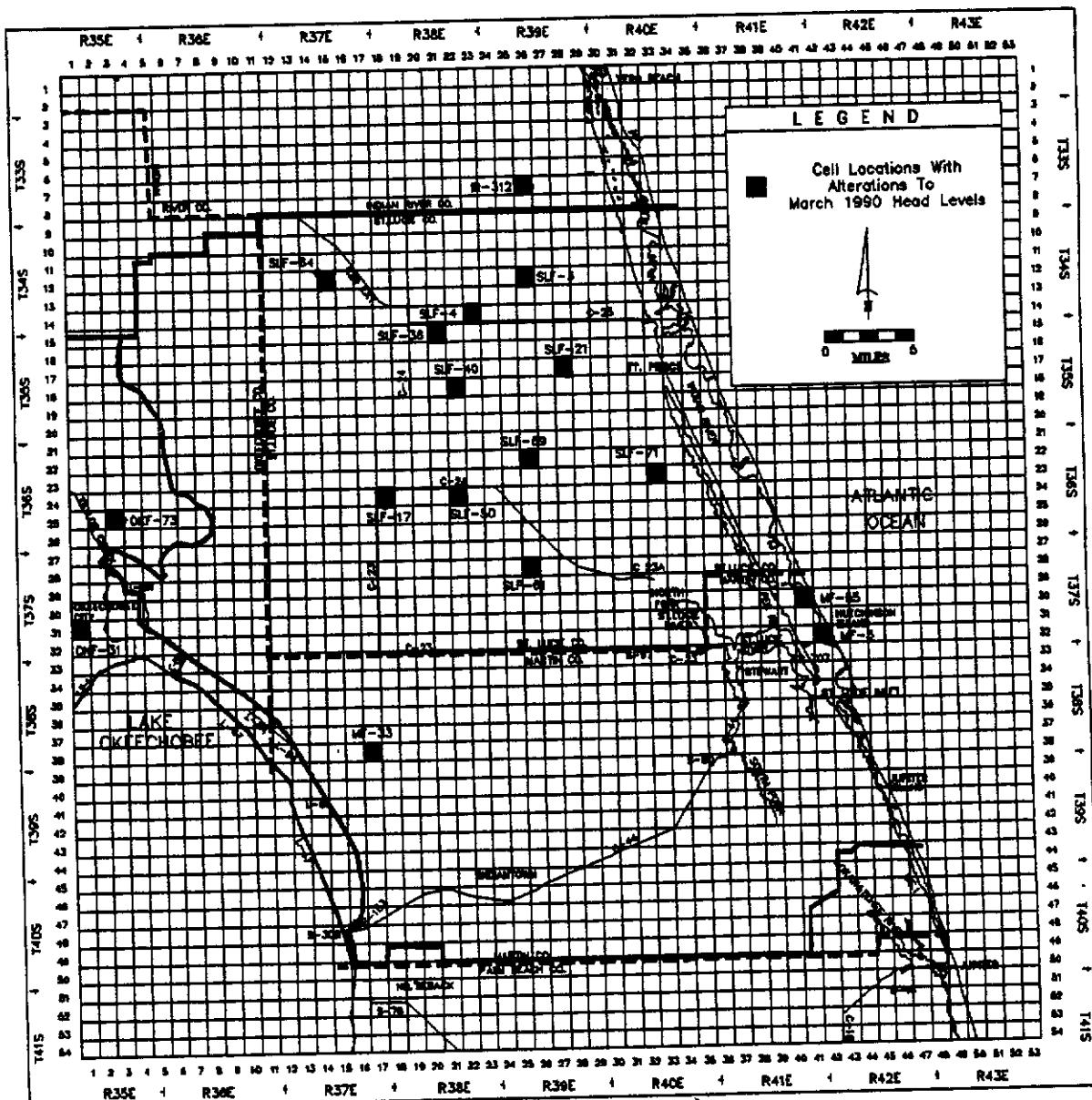


FIGURE 40: Cells in Model Where Changes to Original Prescribed Water Levels were made to Layer 4

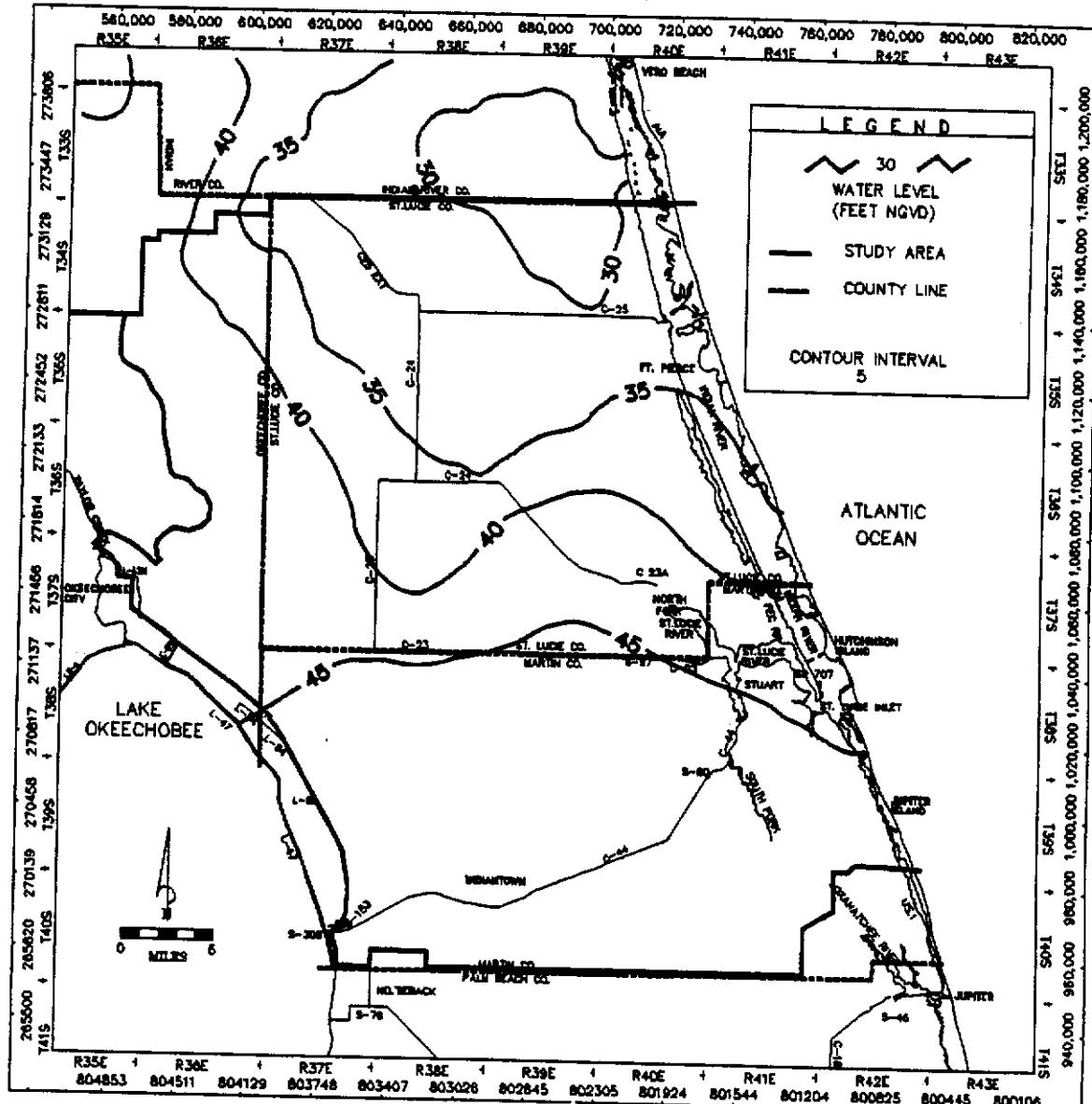


FIGURE 41: Simulated Water Levels, Layer 2 (Upper Floridan Aquifer), May 1990

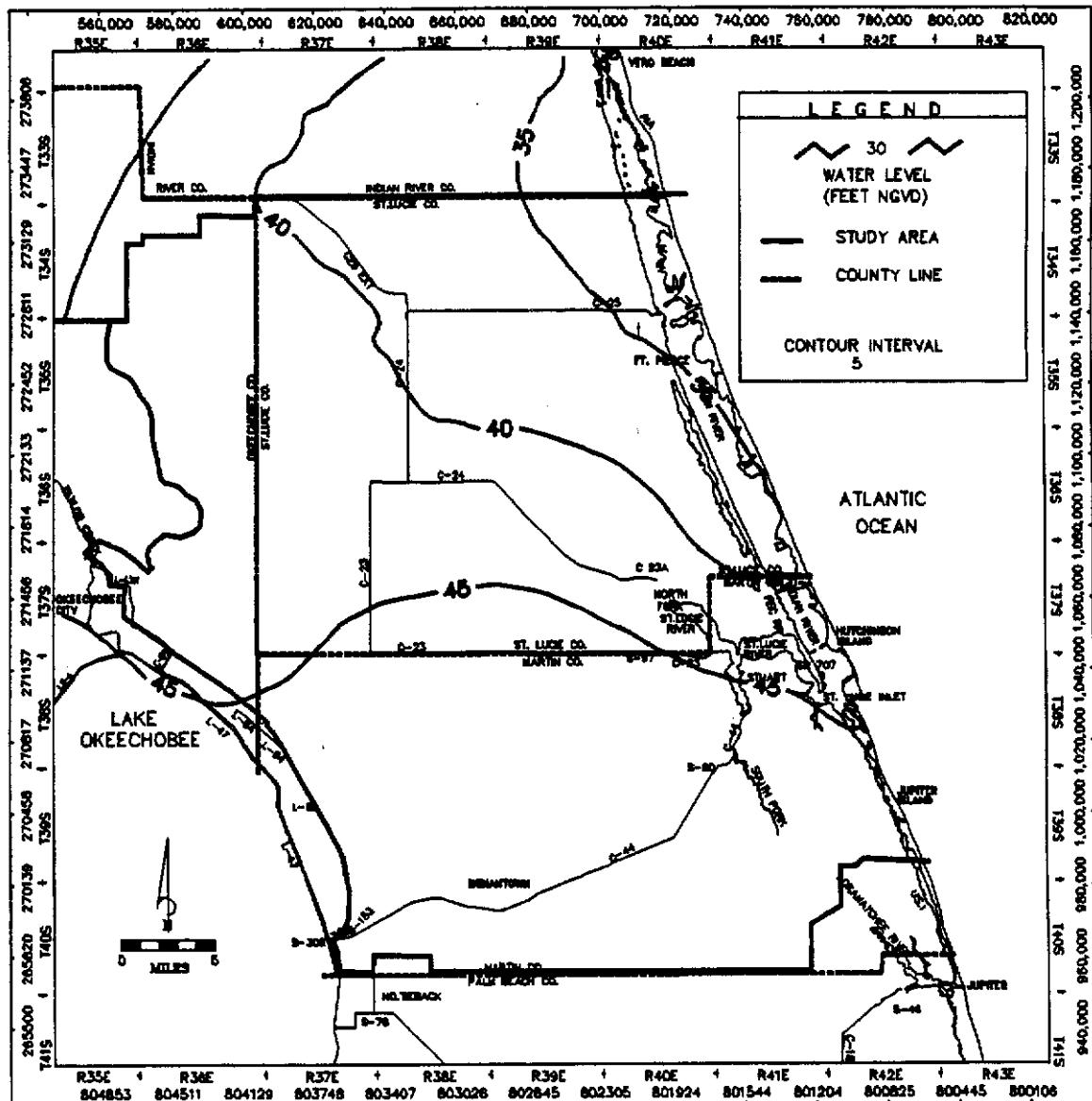


FIGURE 42: Simulated Water Levels, Layer 2 (Upper Floridan Aquifer), September 1990

becoming eastward near the City of Ft. Pierce, St. Lucie County. At this point, the water seems to flow out under the Atlantic Ocean. The end of dry season map shows a marked warping of the end of wet season contour lines. The contours move in toward areas of intense water well withdrawals. Water levels change between 0 to 8 feet between wet and dry season; the average change is approximately three feet.

Layer 3 (Lower Floridan Aquifer Producing Zone 1)

Figures 43 and 44 show the simulated head distribution in May and September for layer 3. Comparison to figures 41 and 42 show the general head distributions, and, therefore, the regional flow patterns, to be similar to the UFA. Water levels in the LFAPZ1 (layer 3) react fairly quickly to changes in water levels in the UFA (layer 2) due to its fairly good hydraulic connection to it and the large differences in gradient established by lowered heads in layer 2 resulting from pumping.

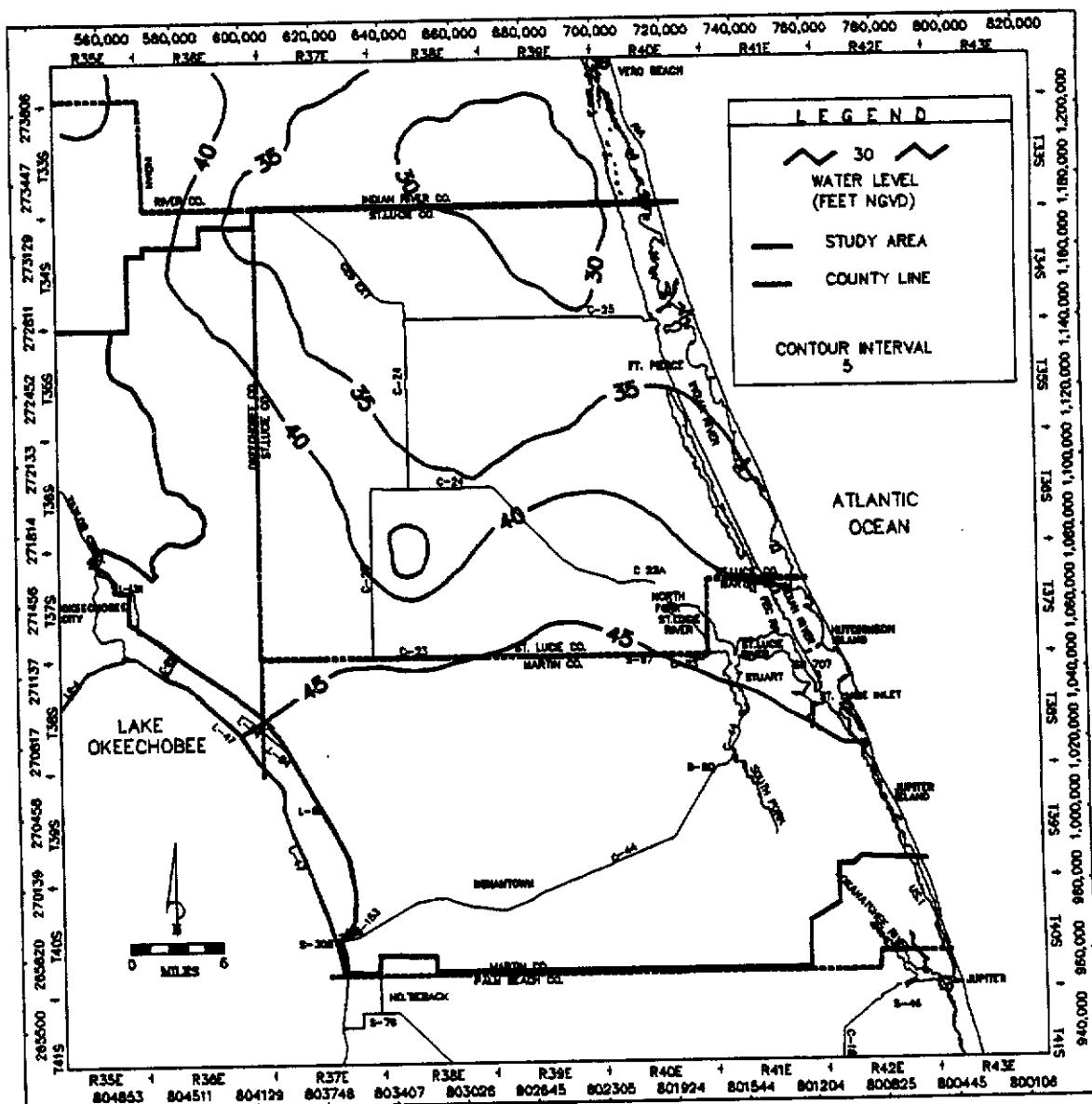


FIGURE 43: Simulated Water Levels, Layer 3 (Lower Floridan Aquifer Producing Zone 1), May 1990

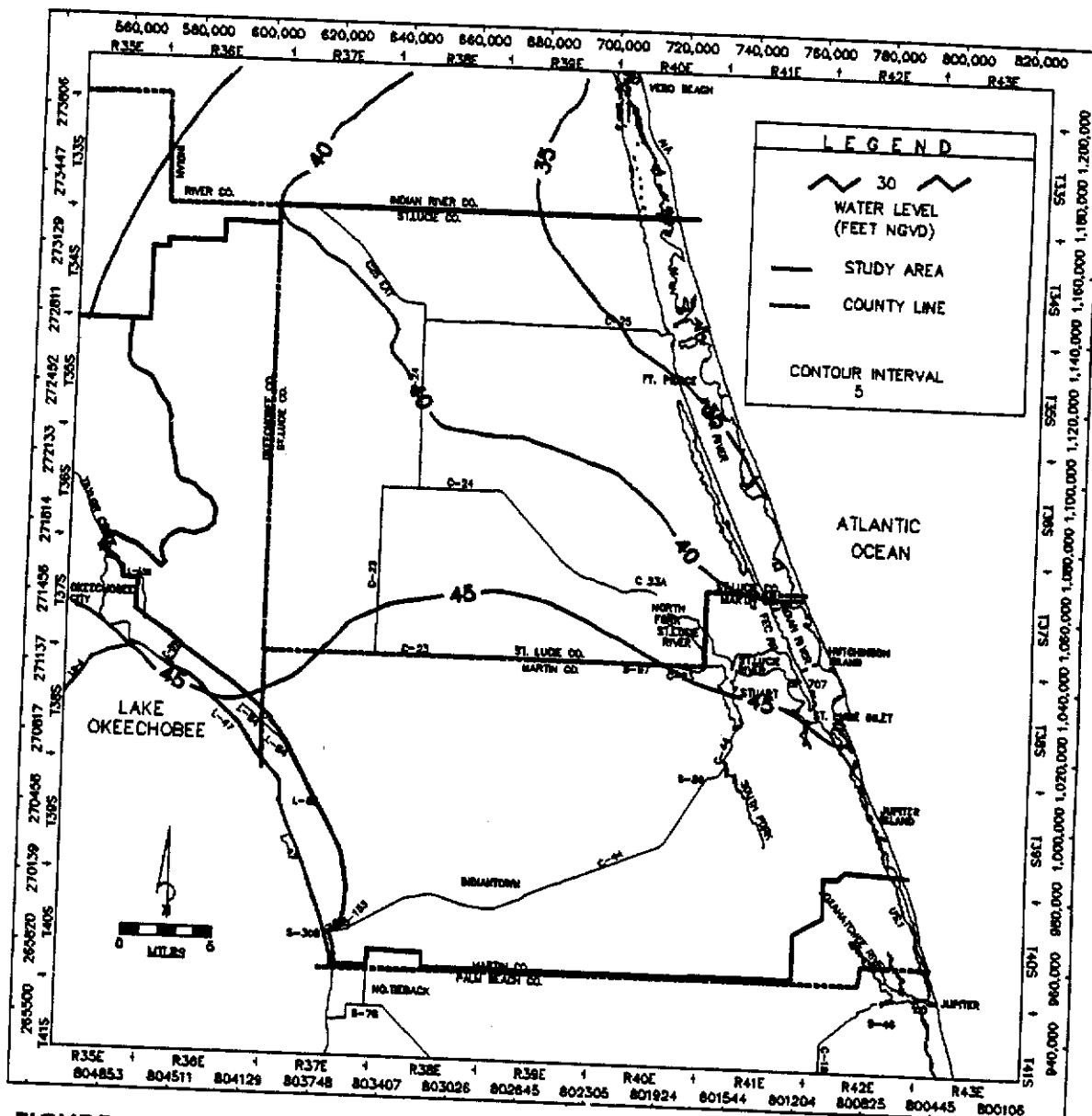


FIGURE 44: Simulated Water Levels, Layer 3 (Lower Floridan Aquifer Producing Zone 1), September 1990

SENSITIVITY TESTING

The model was tested to check its sensitivity to changes in the boundary conditions, aquifer parameters, and layer 4 prescribed head conditions. Boundary conditions were tested two ways:

1. By replacing the existing specified boundaries with constant head boundaries. This, in effect, provided the boundary cells with a constant head through all stress periods of the simulation. The model then was run using steady state conditions and the constant head configuration, and the resulting heads were compared to the steady state calibration run (baserun). This resulted in an average head difference of -0.12 feet, the majority of that change was in the boundary cells themselves. The impact on layer 2 (Upper Floridan Aquifer System) volumetric budget was a 6.7 percent decrease of net inflows and outflows.
2. MODFLOW was modified by SFWMD personnel to permit the user to incorporate a multiplier to conductance values in the General Heads package. The conductance multiplier used in the general head package (specified flux boundary cells) was changed from the initial value of 10.0 to 0.1, 1.0, 100.0, 1000.0, and 10,000.0. The conductance parameter controls the rate of flow through the boundary cells.

The results of these changes demonstrated small, relatively insignificant changes in computed heads ranging between (-0.18 to 0.02 feet). Most head differences occurred in boundary cells, whereas very little changes occurred in the majority of model cells. The percent the volumetric budget change inflows and outflows changed from the base run ranged from -2.6% for a conductance multiplier of 0.1 to +1.1% differences for conductance multiplier greater than or equal to 100.0. Significant head differences resulting from the various types of boundary conditions are limited to a range of two cells inward from the location of the specified boundary. The specified flux boundary used is considered a conservative and accurate method of defining boundaries and should be valid for the various uses planned for this model.

Aquifer parameters were tested by altering the following: prescribed heads in constant head layer 1, layer 2 transmissivity, Vcont between layers 1 and 2, storage coefficient in layer 2, layer 3 transmissivity, Vcont between layers 2 and 3, Vcont

between layers 3 and 4, and prescribed heads in constant head layer 4. The impacts these changes had on layer 2 computed steady state heads and volumetric budgets are presented in Tables 8 and 9. It was assumed that testing this range of values would bracket the range of uncertainty for each parameter. Only head and volumetric changes which occurred in layer 2 (UFAS) cells were recorded since this was the only calibrated layer in the model and represents the most important portion of the FAS from a water resource point of view.

LAYER 2(UPPER FLORIDAN AQUIFER)

Simulated heads in layer 2 are highly sensitive to the following changes: Vcont between layers 2 and 3, Vcont between layers 3 and 4 and, prescribed heads in layer 4 (constant head layer). Computed heads were moderately sensitive to transmissivity of layers 2 and 3, and generally insensitive to changes to all other parameters. Doubling Vcont in layer 2 resulted in a maximum change of +1.85 feet , with an average change of +0.01 feet, the volumetric budget showed a 0.15% increase in water originating from layer 3. Halving layer 2 Vcont caused a maximum change in simulated heads of -2.0 feet, with an average change of -0.02 feet, the volumetric budget demonstrated water supplied to layer 2 from layer 3 decreased 0.2%. Doubling Vcont in layer 3 resulted in a maximum change of +2.49 feet, with an average change of +0.38 feet, the budget shows 3.3% more water was supplied from layer 3. Halving layer 3 Vcont resulted in a maximum decrease in layer 2 simulated heads of -3.56 feet, with an average change of -0.71 feet, 2.5% less water was supplied by layer 3. Doubling transmissivity in layer 2 resulted in a maximum increase of +2.34 feet, with an average rise of +0.20 feet in layer 2, the budget showed a 0.4% increase of water from all sources into layer 2. Doubling the transmissivity of layer 3 resulted in a maximum head rise of 0.88 feet and an average of 0.04 feet, a 3.0% increase of water from all sources was indicated by the volumetric budget. Layer 2 is more sensitive to changes in transmissivity than layer 3 because it has lower transmissivity values. The largest changes in head were near areas of large withdrawals. Therefore, impacts parameter changes had on computed heads were most evident near large withdrawals and negligible where withdrawals were nonexistent.

**TABLE 8. SENSITIVITY RESPONSES IN LAYER 2 COMPUTED HEADS
DUE TO CHANGES IN MODEL PARAMETERS
(In feet above steady-state base run)**

| Layer in Which Change Made | Parameters Changed from Calibration Run | Max. Increase in Water Level (Layer 2) | Max. Decline in Water Level (Layer 2) | Average Change in Water Level (Layer 2) | Standard Deviation (Layer 2) |
|---|---|--|---------------------------------------|---|------------------------------|
| Layer 1 | Starting Head + 5 | 0.07 | 0.00 | 0.01 | 0.01 |
| | Starting Head -5 | 0.03 | -0.03 | -0.01 | 0.01 |
| | Layer 1-2, VCONT x2 | 0.01 | -0.46 | -0.06 | 0.05 |
| | Layer 1-2, VCONT x10 | 0.23 | -3.51 | -0.38 | 0.41 |
| | Layer 1-2, VCONT x.5 | 0.22 | -0.01 | 0.02 | 0.02 |
| | Layer 1-2, VCONT x.1 | 0.39 | 0.07 | 0.04 | 0.02 |
| Layer 2 | Starting Head + 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Transmissivity x2 | 2.34 | -0.32 | 0.20 | 0.20 |
| | Transmissivity x5 | 4.89 | -0.85 | 0.13 | 0.22 |
| | Layer 2-3, VCONT x2 | 1.85 | -0.08 | 0.01 | 0.02 |
| | Layer 2-3, VCONT x10 | 4.85 | -0.17 | 0.03 | 0.22 |
| | Layer 2-3, VCONT x.5 | 0.09 | -2.00 | -0.02 | 0.22 |
| | Layer 2-3, VCONT x.1 | 0.25 | -6.14 | -0.13 | 0.44 |
| | Storage Coeff. x.1 | 0.07 | -0.03 | 0.00 | 0.01 |
| | Storage Coeff. x10 | 0.15 | -0.06 | 0.02 | 0.04 |
| | Storage Coeff.x100 | 1.18 | -0.31 | 0.13 | 0.29 |
| Layer 2 (Layer 2 Gen. Heads Package Conductivity Term Adjusted) | Constant Head | 1.38 | -1.94 | -0.12 | 0.26 |
| | Cond. x.1 | 0.44 | -4.45 | -0.18 | 0.39 |
| | Cond. x1 | 0.37 | -3.09 | -0.08 | 0.19 |
| | Cond. x100 | 1.61 | -0.20 | 0.02 | 0.06 |
| | Cond. x1,000 | 1.95 | -0.24 | 0.02 | 0.07 |
| | Cond. x10,000 | 1.96 | -0.24 | 0.02 | 0.07 |
| Layer 3 | Transmissivity x2 | 0.88 | -0.40 | 0.04 | 0.20 |
| | Transmissivity x10 | 3.37 | -1.93 | 0.18 | 0.95 |
| | Transmissivity x.5 | 0.28 | -0.86 | -0.03 | 0.15 |
| | Transmissivity x.1 | 0.84 | -3.67 | -0.06 | 0.32 |
| | Layer 3-4, VCONT x2 | 2.49 | -0.56 | 0.38 | 0.57 |
| | Layer 3-4, VCONT x10 | 5.88 | -1.36 | 0.70 | 0.70 |
| | Layer 3-4, VCONT x.5 | 0.60 | -3.56 | -0.71 | 0.90 |
| | Layer 3-4, VCONT x.1 | 0.51 | -16.56 | -4.63 | 4.59 |
| Layer 4 | Starting Head + 5 | 4.97 | -28.04 | -0.12 | 7.68 |
| | Starting Head -5 | 0.00 | -29.73 | -7.23 | 5.80 |

TABLE 9. SENSITIVITY RESPONSES IN LAYER 2 VOLUMETRIC BUDGETS DUE TO CHANGES IN MODEL PARAMETERS

| Layer in Which Change Made | Parameters Changed from Calibration Run | % Change into Layer 2 from: | | | | | | % Change out of Layer 2 to: | | |
|---|---|-----------------------------|---------|---------|-----------------|----------|---------|-----------------------------|-----------------|-----------|
| | | IN | | | OUT | | | | | |
| | | Layer 1 | Layer 1 | Layer 3 | Head Dep Bounds | Total In | Layer 1 | Layer 3 | Head Dep Bounds | Total Out |
| Layer 1 | Starting Head + 5 | 61.4 | -1.0 | -0.8 | -0.7 | -2.6 | 0.9 | 1.1 | 0.6 | 0.7 |
| | Starting Head - 5 | -44.9 | 0.8 | 0.8 | 0.7 | 19.7 | -1.9 | -1.2 | -6.1 | 5.3 |
| | Layer 1-2, VCONT x2 | 10.1 | 5.4 | 4.2 | 5.3 | 138.9 | -12.2 | -26.2 | -26.2 | 36.3 |
| | Layer 1-2, VCONT x10 | 894.5 | 35.8 | 24.3 | 36.3 | 880.4 | -6.1 | 2.1 | -1.8 | -1.8 |
| | Layer 1-2, VCONT x5 | -50.0 | -1.8 | -1.3 | -1.8 | -49.9 | 6.3 | 2.1 | -3.2 | -3.2 |
| | Layer 1-2, VCONT x.1 | -90.0 | -3.1 | -2.3 | -3.2 | -90.0 | 12.7 | 4.0 | -3.2 | -3.2 |
| Layer 2 | Starting Head + 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Transmissivity x2 | 0.7 | -1.4 | 20.1 | 0.4 | 0.3 | 6.5 | 12.8 | 0.5 | 0.5 |
| | Transmissivity x5 | 2.2 | -2.2 | 68.2 | 4.0 | 1.0 | 69.5 | 58.4 | 4.0 | 4.0 |
| | Layer 2-3, VCONT x2 | 0.0 | 0.2 | 1.6 | 0.3 | 0.0 | 5.0 | 3.3 | 0.3 | 0.3 |
| | Layer 2-3, VCONT x10 | 0.0 | 0.3 | 6.9 | 0.9 | 0.1 | 16.9 | 6.8 | 0.9 | 0.9 |
| | Layer 2-3, VCONT x.5 | 0.0 | -0.2 | -1.8 | -0.4 | -0.1 | -6.6 | -5.4 | -0.4 | -0.4 |
| | Layer 2-3, VCONT x.1 | 0.3 | -1.3 | -7.2 | -1.8 | -0.6 | -31.9 | -24.7 | -1.8 | -1.8 |
| | Storage Coeff. x.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Storage Coeff. x10 | 0.1 | -0.2 | -0.8 | 0.0 | 0.2 | 0.0 | -1.1 | 0.0 | 0.0 |
| | Constant Head | -22.7 | -1.4 | -100.0 | -6.7 | -5.5 | -73.9 | -100.0 | -6.7 | -6.7 |
| (Layer 2 Gen. Heads Package Conductivity Term Adjusted) | Cond. x.1 | 4.3 | 3.6 | -86.4 | -4.2 | -1.0 | -66.4 | -98.0 | -4.2 | -4.2 |
| | Cond. x1 | 2.0 | 1.0 | -39.6 | -2.6 | -0.5 | -37.0 | -78.0 | -2.6 | -2.6 |
| | Cond. x100 | -0.5 | 0.9 | 3.0 | 1.1 | 0.1 | -14.0 | 177.1 | 1.1 | 1.1 |
| | Cond. x1,000 | -0.6 | 1.3 | -8.0 | 0.5 | 0.1 | -46.3 | 275.1 | 0.5 | 0.5 |
| | Cond. x10,000 | -0.6 | 1.0 | -10.0 | 0.1 | 0.1 | -56.9 | 286.3 | 0.1 | 0.1 |
| | Transmissivity x2 | 0.7 | 0.7 | 26.4 | 3.0 | 0.3 | 54.1 | 35.6 | 3.0 | 3.0 |
| Layer 3 | Transmissivity x10 | 2.2 | 3.3 | 156.0 | 16.6 | 1.5 | 307.3 | 169.8 | 16.6 | 16.6 |
| | Transmissivity x.5 | -0.4 | 1.2 | -11.4 | 0.1 | -0.2 | 1.1 | -5.4 | 0.5 | 0.5 |
| | Transmissivity x.1 | -0.7 | 2.5 | -21.5 | 0.5 | -0.4 | 12.1 | -9.7 | 0.5 | 0.5 |
| | Layer 3-4, VCONT x2 | -2.2 | 3.3 | 156.0 | 16.6 | 1.5 | 307.3 | 169.8 | 16.6 | 16.6 |
| | Layer 3-4, VCONT x10 | -4.1 | 6.8 | 72.0 | 12.4 | 4.8 | 243.0 | 52.1 | 12.4 | 12.4 |
| | Layer 3-4, VCONT x.5 | 1.8 | -2.5 | 12.2 | -1.2 | -4.5 | -20.7 | -4.3 | -1.2 | -1.2 |
| | Layer 3-4, VCONT x.1 | 40.0 | -11.1 | 98.8 | -1.4 | -26.6 | 6.1 | -59.1 | -1.4 | -1.4 |
| Layer 4 | Starting Head + 5 | -29.9 | 48.8 | 751.1 | 110.0 | 13.0 | 1,954.1 | 1,526.0 | 109.8 | 109.8 |
| | Starting Head - 5 | 39.4 | 9.5 | 1,182.8 | 111.7 | -22.3 | 2,357.3 | -100.0 | 111.7 | 111.7 |

RESULTS

1. Regional water levels identified by well observations have been simulated by a ground water flow model for the upper Floridan Aquifer in the Upper East Coast Planning Area. The impacts of additional FAS water use now can be determined with the aid of the three dimensional ground water flow model which was developed and validated using 54 wells to 23 months of water level data.
2. Model results indicate that the most significant source of recharge to the Upper Floridan Aquifer in the Upper East Coast Planning Area is leakance from the Lower Floridan Aquifer. Approximately 91 percent (140 MGD) of the recharge in the study area was provided by upward leakance. The remaining nine percent (13.4 MGD) mostly comes from the borders of the study area across Okeechobee and Indian River counties. Leakance values more than transmissivity values are critical for determining expected well yields in the FAS.
3. Withdrawals from agricultural wells account for approximately 90 percent (138 MGD) of the outflow from the modeled area. The remaining outflow is comprised of 4.5 percent (6.6 MGD) upward and 4.8 percent (7.4 MGD) downward leakance. Ground water flow out of the modeled area boundaries is minor and accounts for 1.0 percent of the total (1.5 MGD). The majority of that water escapes to the Atlantic Ocean east of St. Lucie and Indian River counties.
4. Permeability and vertical leakance in the UFA is drastically reduced east of a structural anomaly, a trace of which follows the Intracoastal Waterway from Vero Beach to north Martin County, where it veers east toward the ocean. These factors are responsible for low yielding wells observed on Hutchinson Island and limit future large scale development of the aquifer in this area.

CONCLUSIONS AND RECOMMENDATIONS

1. Currently, portions of the UECPA are limited by the SFWMD to allocations of 1.5 acre-inches per month. The FAS model can be used to test the basis for this number.
2. Since the water quality of the lower Floridan Aquifer is probably inferior to that of the upper Floridan Aquifer, and the lower Floridan Aquifer System is the major source of recharge to the upper system, water quality deterioration in the upper Floridan Aquifer System can be expected in the future, especially in areas of intense water withdrawals. Model results and field observations indicate that water levels fluctuate annually as much as eight feet in three areas of intense citrus irrigation located in north and north-central St. Lucie County (refer to Figure 42). Permitted FAS user surveys showed that water quality deterioration has already been observed in these areas. Additional development of the FAS should not be permitted in these three areas.
3. Since deteriorating water quality is a probability in the future, water from selected Floridan Aquifer wells should be monitored for total dissolved solids and chlorides on a quarterly basis. The monitor wells should be in areas of high water use. Water quality changes with time then can be used to characterize the water quality of the lower Floridan Aquifer and continue to verify current assumptions about upward leakance and its impacts on the Upper Floridan Aquifer.
4. Leakance and head differentials between the Upper and Lower portions of the Floridan Aquifer proved to be the most important parameters in the calibration process. Such data are obtained by drilling a test site containing two lower Floridan Aquifer wells to approximately -1,600 feet NGVD and two upper Floridan Aquifer wells to approximately -1,000 feet NGVD, followed by two aquifer performance tests. There were only three aquifer performance tests of this type performed in the entire study area. It is recommended that at least two additional test sites be constructed and tested to obtain verification of the leakance and water level parameters used in the model. The well sites should be located in areas where the FAS is projected to be used for future public water supply. The FAS will probably be utilized as a public water supply source in the near future in parts of Martin and St. Lucie counties because of problems with Surficial Aquifer ground water contamination and wetland impacts.
5. This was the first calibrated three dimensional regional Floridan Aquifer system model developed for SFWMD needs. It is recommended that future regional FAS modeling projects incorporate information regarding leakance and head values in the lower portions of the FAS. Those data are obtained by testing the interconnection between the upper and lower Floridan Aquifer by drilling and testing deep wells as described in Recommendation 4 above. Since construction of deep aquifer performance test sites is very expensive, it is recommended that the feasibility of developing future regional models of the Floridan Aquifer System with respect to budgetary constraints be carefully analyzed.
6. The accuracy of any model depends on proper assumptions. It was found that agricultural water use accounted for 90 percent of the FAS water withdrawals in the study area. Accurate estimates of the amount of agricultural withdrawals were paramount in developing this model. A survey was used to obtain critical information on water withdrawals in the period modeled. It was found that water use habits of UFA permittees in the study area varied considerably. The survey provided adequate answers for making crude water use estimates, but more exact data are necessary to be able to model the system more precisely. It is recommended that permittees in the study area be required to submit monthly pumpage reports to the District. The reports should show the amount of time wells were allowed to flow freely for each month of the year. A small percentage of UFA permittees already are submitting these monthly reports since it was stipulated as a special condition in their water use permit. Actual water use records would provide valuable data in the calibration of future

- models, particularly in areas of heavy ground water use.
- 7. This model can be used to simulate proposed water use scenarios on a regional basis. Where a finer scale or site-specific evaluation is required, the regional model can be used to provide boundary conditions. The District is currently working on a software program capable of zooming in on user-specified areas of the regional model and extracting data to form a submodel, or model within a model.

Submodels will have a finer grid resolution and be capable of simulating small scale impacts on adjacent users. The model in its present configuration is limited in its ability to assess impacts on a small scale due to the regional nature of the model grid. As a result, small scale impacts on adjacent users may be overlooked due to cell-wide averaging. Improved grid resolution is needed to better assess these small scale impacts.

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APPENDIX A

GEOLOGIC AND HYDROSTRATIGRAPHIC DATA

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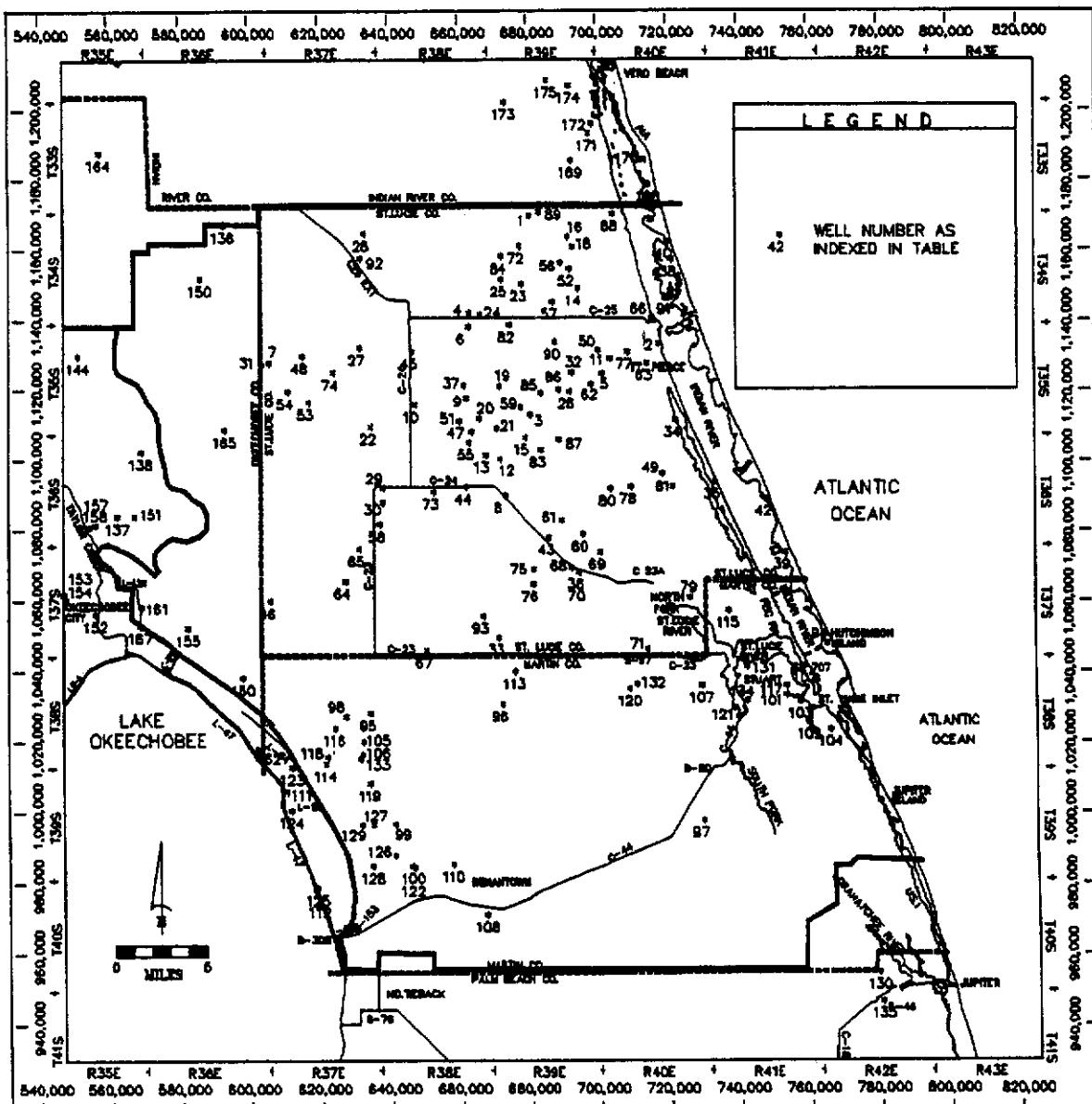


FIGURE A-1: Location of Geologic Control and Water Quality Wells as Indexed in Table 2

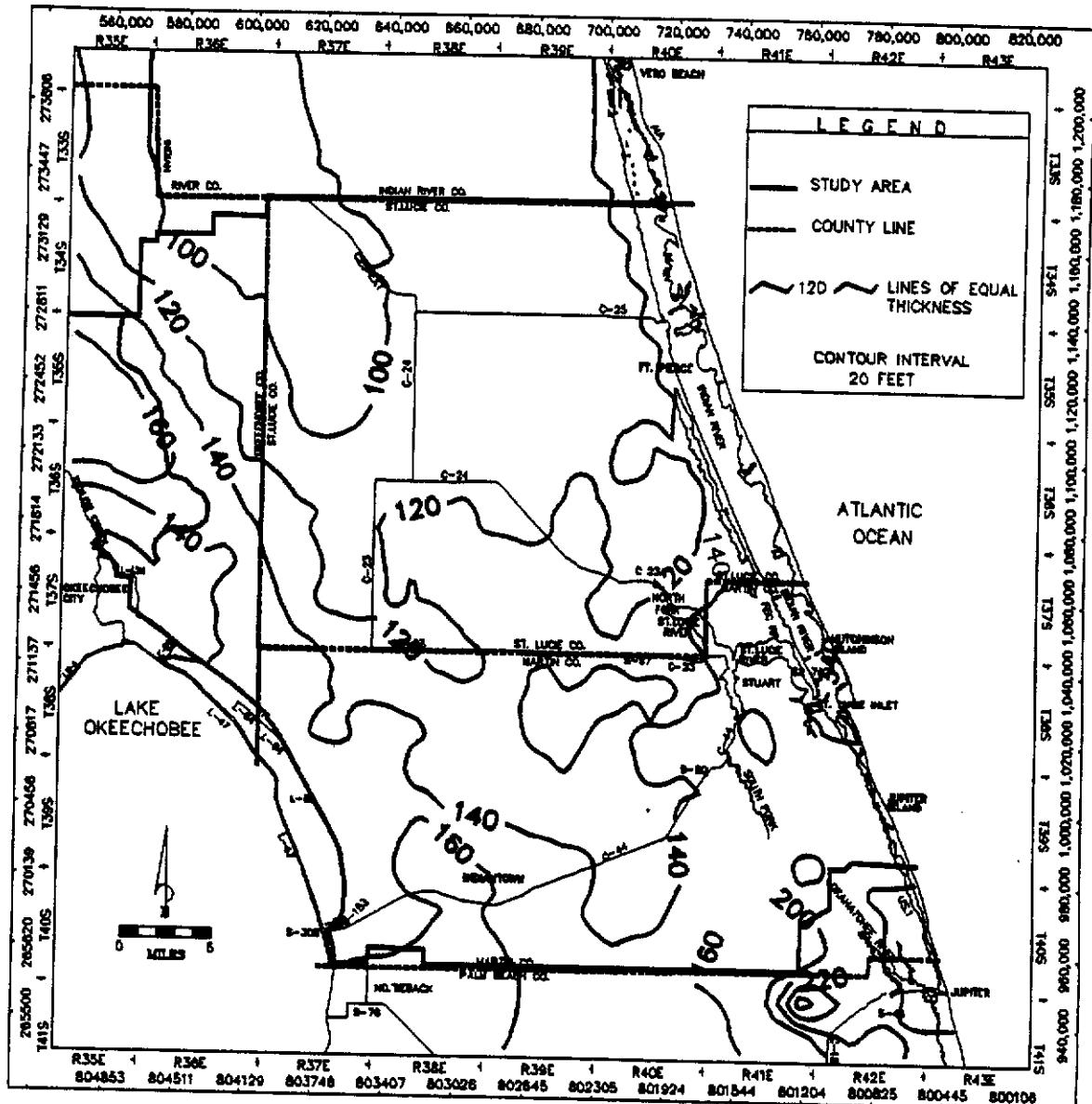


FIGURE A-2: Thickness of the Surficial Aquifer in Study Area

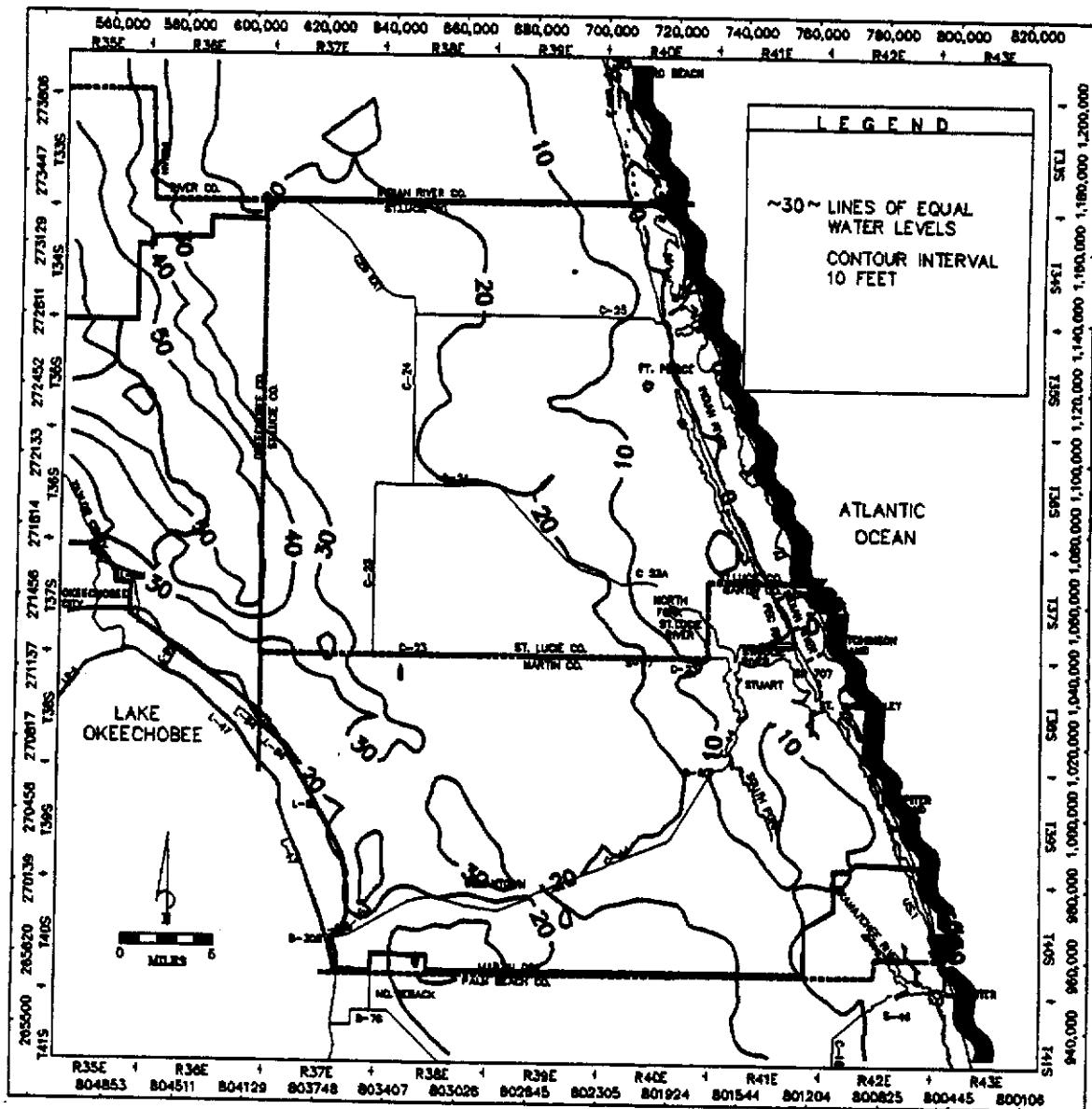


FIGURE A-3: Water Levels in the Surficial Aquifer in Study Area

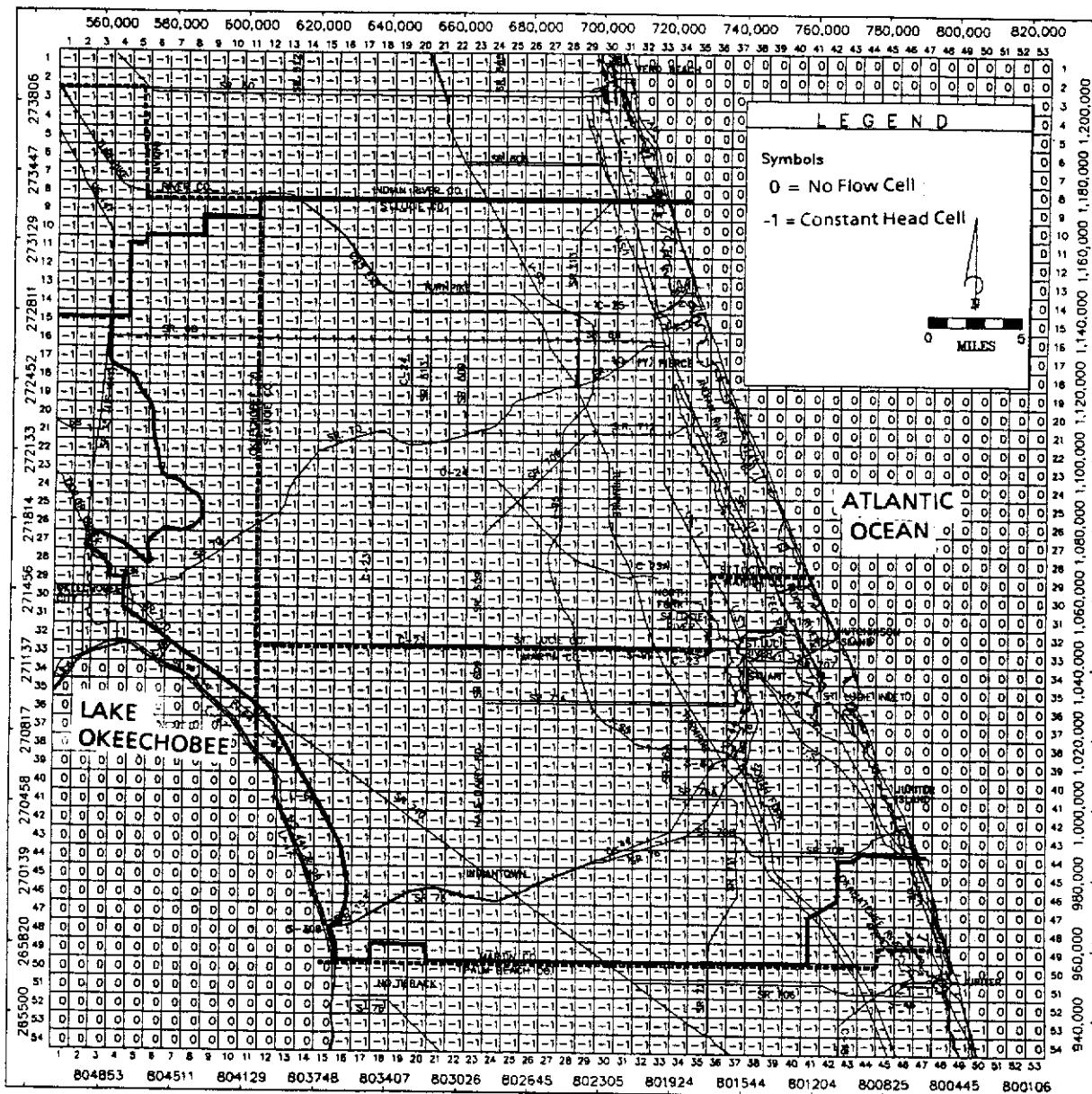


FIGURE A-4: Cell Types Used in Model, Layer 1

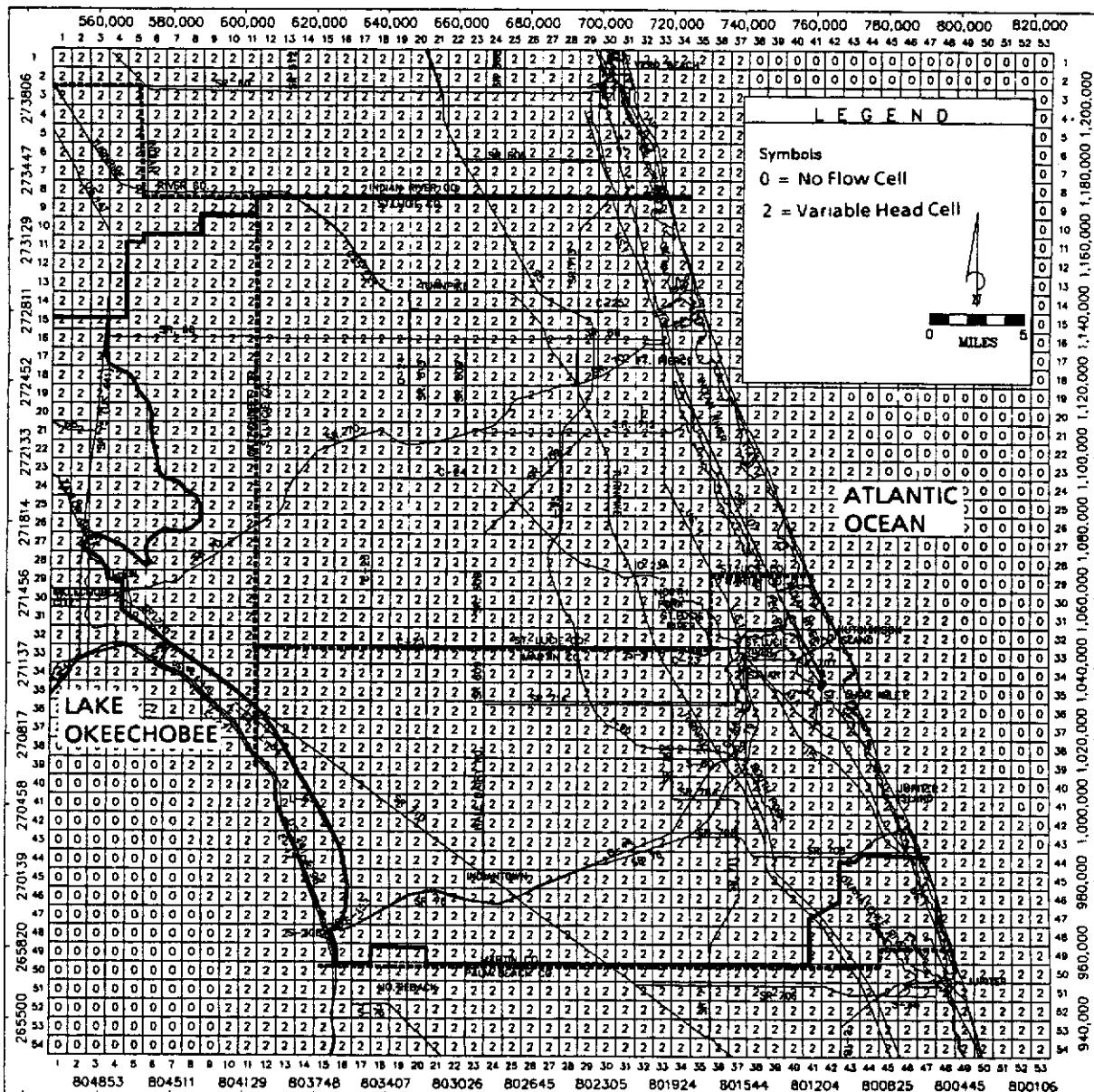


FIGURE A-5: Cell Types Used in Model, Layer 2

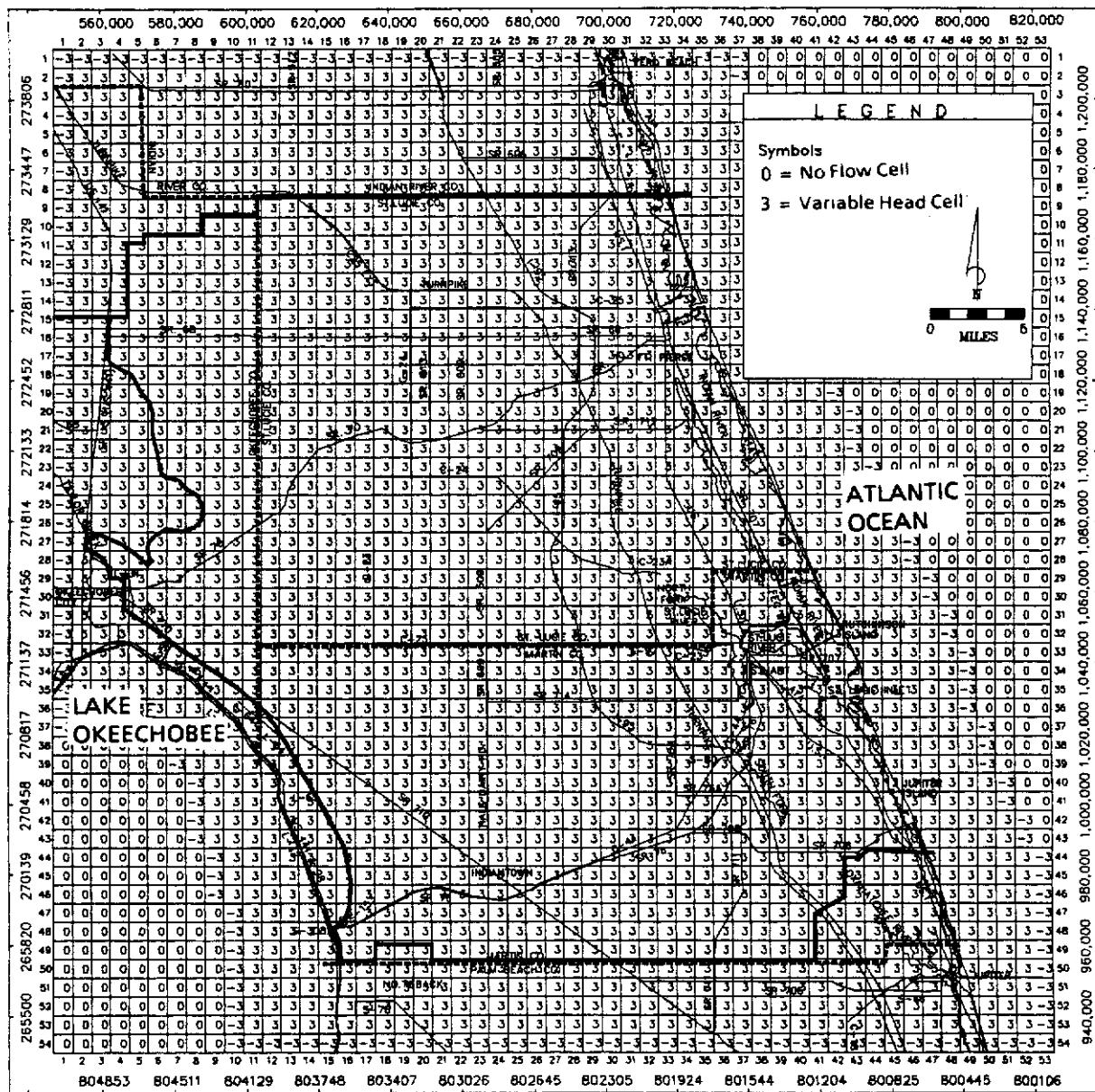


FIGURE A-6: Cell Types Used in Model, Layer 3

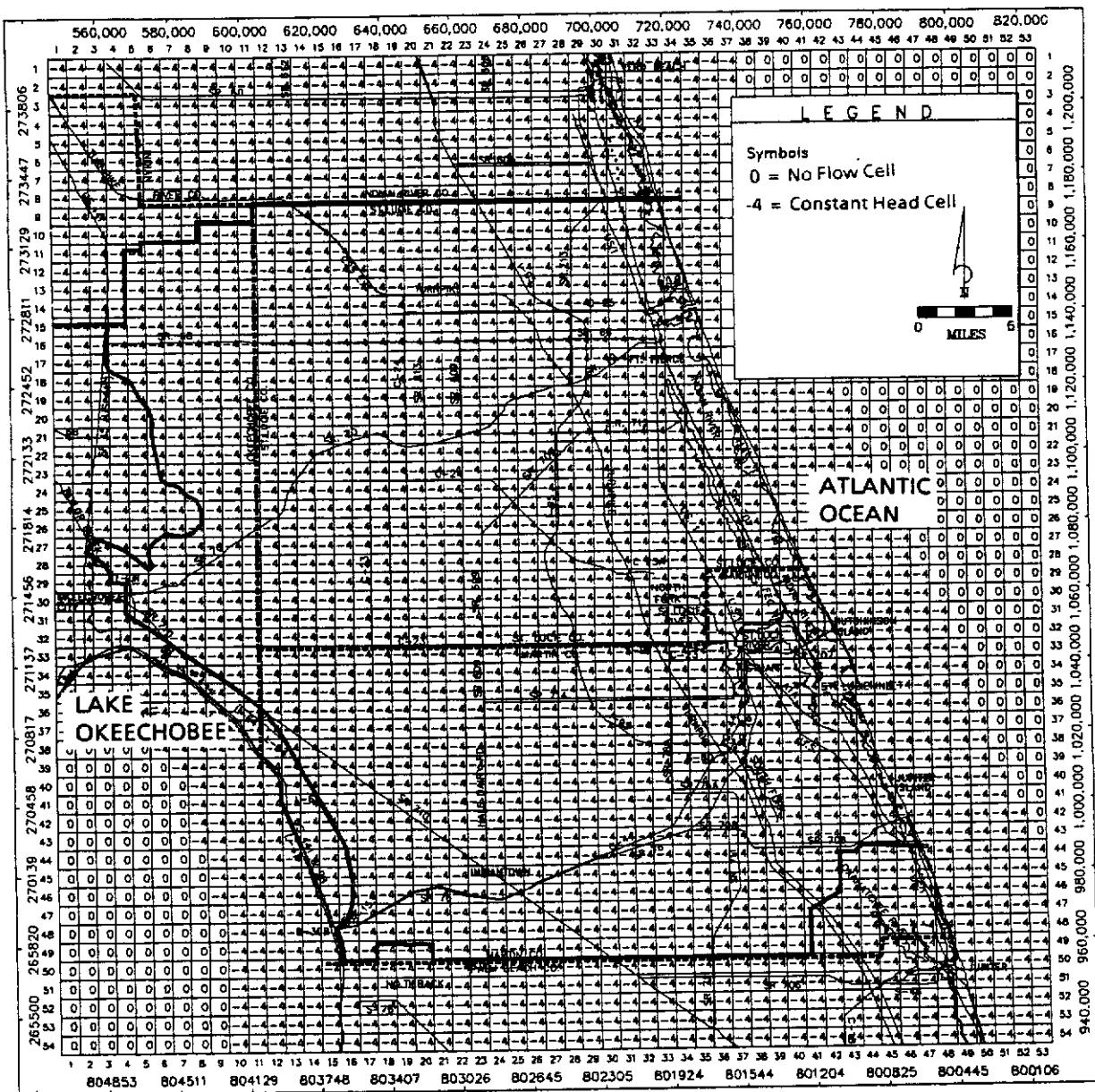


FIGURE A-7: Cell Types Used in Model, Layer 4

TABLE A-1: Specific Capacity Data Used to Calculate Transmissivity

| SPECIFIC CAPACITY DATA USED TO CALCULATE TRANSMISSIVITY | | | | | | | | | | |
|---|------------------|-------------------|--------------------|------------------|---------------|----------------|---------------------|-----------------|--------------------|-----------------------|
| WELL NAME | TOTAL DEPTH (FT) | CASING DEPTH (FT) | CASING DIA. (INCH) | AQUIF PENET (FT) | DISCH Q (GPM) | W.L. DRWD (FT) | UNCOR. SP.CAP GAL/M | CORR. DRWD (FT) | CORR. SP.CAP GAL/M | CALC. TRANS. GAL/D/FT |
| MF-2 | | 300 | 6 | | 217 | 15.0 | 14.5 | 13.5 | 16.1 | 94933 |
| MF-4 | 1525 | 630 | 6 | 400 | 240 | 83.0 | 2.9 | 83.0 | 2.9 | 12700 |
| MF-6 | 1052 | 400 | 5 | 653 | 72 | 7.5 | 9.6 | 6.8 | 10.5 | 104900 |
| MF-9 | 880 | 342 | 6 | 538 | 83 | 9.0 | 9.2 | 8.6 | 9.7 | 104300 |
| MF-23 | 1119 | 456 | 5.5 | 663 | 167 | 15.3 | 10.9 | 12.7 | 13.1 | 73500 |
| LFM-1 | 1282 | 800 | 8 | 482 | 600 | 15.2 | 39.5 | 8.6 | 70.0 | 94000 |
| FGS-M-29 | 1100 | 450 | 4 | 650 | 150 | 20.8 | 7.2 | 11.8 | 12.7 | 82750 |
| FGS-M-34 | 1100 | 450 | 6 | 650 | 400 | 12.2 | 32.8 | 4.3 | 93.0 | 372713 |
| FGS-M-88 | 1180 | 700 | 5 | 380 | 250 | 36.3 | 6.9 | 23.7 | 10.6 | 75167 |
| FGS-M-143 | 958 | 272 | 6 | 686 | 550 | 27.5 | 20.0 | 19.3 | 28.5 | 139804 |
| FGS-M-146 | 1155 | 432 | 5 | 723 | 300 | 16.8 | 17.9 | 6.0 | 50.0 | 217440 |
| FGS-M-168 | 1080 | 500 | 5 | 580 | 300 | 19.9 | 15.1 | 7.4 | 40.5 | 183136 |
| FGS-M-443 | 951 | 275 | 6 | 676 | 300 | 35.0 | 8.6 | 32.3 | 9.3 | 70472 |
| FGS-M-740 | 990 | 474 | 6 | 516 | 650 | 28.7 | 22.6 | 9.7 | 67.0 | 278827 |
| FGS-M-741 | 890 | 460 | 6 | 430 | 235 | 27.5 | 8.5 | 24.3 | 9.7 | 71917 |
| FGS-M-742 | 1003 | 460 | 6 | 543 | 225 | 29.0 | 7.8 | 26.2 | 8.6 | 67945 |
| FGS-M-746 | 510 | 360 | 6 | 150 | 325 | 22.0 | 14.8 | 17.7 | 18.4 | 103332 |
| FGS-M-748 | 773 | 397 | 6 | 376 | 300 | 31.2 | 9.6 | 27.2 | 11.0 | 76611 |
| FGS-M-759 | 853 | 650 | 6 | 203 | 400 | 23.0 | 17.4 | 11.3 | 35.4 | 164719 |
| FGS-M-901 | 1110 | 490 | 8 | 620 | 150 | 10.3 | 14.6 | 9.9 | 15.2 | 91777 |
| FGS-M-909 | 1095 | 470 | 6 | 625 | 300 | 22.0 | 13.6 | 17.3 | 17.3 | 99360 |
| FGS-M-913 | 1100 | 500 | 6 | 600 | 120 | 8.0 | 15.0 | 7.6 | 15.8 | 93944 |
| FGS-M-919 | 950 | 636 | 8 | 314 | 750 | 27.0 | 27.8 | 19.4 | 38.7 | 176636 |
| FGS-M-920 | 1033 | 488 | 5 | 585 | 225 | 28.0 | 8.0 | 21.7 | 10.4 | 74444 |
| FGS-M-921 | 1032 | 455 | 5 | 577 | 250 | 26.0 | 9.6 | 17.8 | 14.0 | 87444 |
| FGS-M-923 | 1000 | 500 | 8 | 500 | 300 | 10.3 | 29.1 | 9.1 | 32.9 | 155692 |
| FGS-M-927 | 792 | 450 | 6 | 342 | 350 | 23.8 | 14.7 | 17.5 | 20.0 | 109110 |
| FGS-STL44 | 691 | 125 | 5 | 691 | 350 | 15.0 | 23.3 | 11.1 | 31.5 | 150637 |
| OKF-2 | 666 | 218 | 5.7 | 468 | 93 | 15.3 | 6.1 | 14.9 | 6.2 | 153400 |
| OKF-5 | 1181 | 440 | 6 | 593 | 176 | 1.5 | 117.3 | 1.0 | 172.5 | 341600 |
| OKF-7 | 963 | 412 | 8 | 515 | 265 | 26.2 | 10.1 | 22.8 | 11.6 | 27200 |
| OKF-13 | 1200 | 600 | 12 | 600 | 789 | 7.0 | 112.7 | 4.2 | 188.8 | 556000 |
| OKF-26 | 825 | 625 | 12 | 216 | 400 | 80.0 | 5.0 | 79.6 | 5.0 | 54945 |

TABLE A-1: Specific Capacity Data Used to Calculate Transmissivity
(Continued)

| SPECIFIC CAPACITY DATA USED TO CALCULATE TRANSMISSIVITY | | | | | | | | | | |
|---|------------------|-------------------|--------------------|------------------|---------------|----------------|---------------------|-----------------|--------------------|-----------------------|
| WELL NAME | TOTAL DEPTH (FT) | CASING DEPTH (FT) | CASING DIA. (INCH) | AQUIF PENET (FT) | DISCH Q (GPM) | W.L. DRWD (FT) | UNCOR. SP.CAP GAL/M | CORR. DRWD (FT) | CORR. SP.CAP GAL/M | CALC. TRANS. GAL/D/FT |
| OKF-27 | 725 | 477 | 12 | 248 | 346 | 85.0 | 4.1 | 84.8 | 4.1 | 51695 |
| SLF-4 | 993 | 482 | 9 | 511 | 752 | 11.8 | 63.7 | 8.2 | 91.7 | 461700 |
| SLF-9 | 1058 | 256 | 10 | 795 | 906 | 14.0 | 64.7 | 12.4 | 73.1 | 531526 |
| SLF-13 | 1238 | 344 | 12 | 894 | 881 | 14.5 | 60.7 | 13.6 | 64.8 | 553771 |
| SLF-14 | 1700 | 1268 | 24 | 950 | 688 | 14.1 | 48.8 | 10.6 | 64.9 | 412800 |
| SLF-15 | | | | | 808 | 14.1 | 57.3 | 14.1 | 57.3 | 629200 |
| SLF-20 | 896 | 311 | 5 | 585 | 71 | 13.3 | 5.3 | 12.7 | 5.6 | 81495 |
| SLF-21 | 707 | 156 | 3.5 | 544 | 91 | 12.4 | 7.3 | 9.8 | 9.3 | 49000 |
| SLF-23 | 894 | 350 | 6 | 544 | 283 | 12.2 | 23.2 | 9.1 | 31.1 | 106700 |
| SLF-24 | | | 10 | | 229 | 15.3 | 14.9 | 14.8 | 15.5 | 208500 |
| SLF-27 | 900 | 300 | 8 | 600 | 463 | 10.2 | 45.4 | 8.7 | 53.2 | 229062 |
| SLF-28 | 883 | 200 | 4 | 683 | 28 | 7.9 | 3.5 | 7.6 | 3.7 | 24600 |
| SLF-40 | | 376 | 6 | | 264 | 15.6 | 16.9 | 12.8 | 20.6 | 111367 |
| SLF-51 | 1000 | 600 | 6 | 175 | 388 | 35.4 | 10.9 | 25.5 | 15.2 | 107077 |
| SLF61 | 695 | 350 | 5 | 345 | 104 | 16.6 | 6.3 | 15.5 | 6.7 | 61119 |
| SLF62 | 935 | 480 | 5 | 455 | 178 | 18.0 | 9.9 | 13.9 | 12.8 | 83132 |
| SLF67 | | 300 | 6 | | 200 | 11.6 | 17.2 | 10.3 | 19.4 | 107007 |
| SLF69 | | 300 | 6 | | 734 | 16.6 | 44.2 | 14.6 | 50.3 | 218429 |
| SLF75 | 700 | 480 | 8 | 220 | 550 | 13.7 | 40.1 | | 40.1 | 210000 |
| SLF76 | 860 | 790 | 8 | 70 | 260 | 14.44 | 18.0 | 13.0 | 18.0 | 110000 |
| FBW-1 | 904 | 508 | 12 | 396 | 700 | 13.0 | 54.0 | 12.22 | 57.0 | 309000 |
| FGS-IR202 | 700 | 209 | 6 | 491 | 440 | 22.0 | 20.0 | 17.8 | 24.7 | 126082 |
| FGS-IR243 | 900 | 220 | 6 | 680 | 450 | 41.0 | 11.0 | 36.2 | 12.4 | 81666 |
| FGS-IR245 | 850 | 220 | 4 | 630 | 330 | 37.0 | 8.9 | 18.9 | 17.5 | 100083 |
| FGS-IR251 | 700 | 220 | 4 | 480 | 200 | 16.0 | 12.5 | 8.3 | 24.1 | 123915 |
| FGS-IR253 | 800 | 220 | 5 | 580 | 240 | 14.0 | 17.1 | 10.5 | 22.9 | 119582 |
| IR7F | 940 | | 8 | | 650 | 12.0 | 54.0 | 10.6 | 61.3 | 258319 |
| IR12F | 900 | | 8 | | 700 | 12.0 | 64.0 | 10.42 | 67.2 | 279472 |
| IR20F | | | 8 | | 850 | 13.0 | 94.0 | 10.7 | 79.4 | 323745 |
| IR21F | 943 | | 6 | | 30 | 30.0 | 1.0 | 29.94 | 1.0 | 40508 |

**TABLE A-1: Specific Capacity Data Used to Calculate Transmissivity
(Continued)**

| SPECIFIC CAPACITY DATA USED TO CALCULATE TRANSMISSIVITY | | | | | | | | | | |
|---|------------------|-------------------|-------------------|------------------|---------------|----------------|--------------------|----------------|--------------------|-----------------------|
| WELL NAME | TOTAL DEPTH (FT) | CASING DEPTH (FT) | CASING DIA (INCH) | AQUIF PENET (FT) | DISCH Q (GPM) | W.L. DRWD (FT) | UNCOR SP.CAP GAL/M | CORR DRWD (FT) | CORR. SP.CAP GAL/M | CALC. TRANS. GAL/D/FT |
| IR26F | 900 | | 12 | | 1000 | 15.0 | 200.0 | 14.58 | 68.6 | 284558 |
| IR28F | 880 | | 8 | | 1600 | 12.0 | 152.0 | 8.28 | 193.2 | 734668 |
| IR42F | 836 | | 4 | | 400 | 12.0 | 67.0 | 4.38 | 91.3 | 366662 |
| IR47F | 860 | | 8 | | 300 | 10.0 | 33.0 | 9.66 | 31.1 | 149033 |
| IR53F | | | 20 | | 1800 | 14.0 | 180.0 | 13.8 | 130.4 | 507890 |
| IR54F | 900 | | 6 | | 450 | 8.0 | 64.0 | 5.28 | 85.2 | 344646 |
| IR57F | 660 | | 8 | | 450 | 29.0 | 18.0 | 28.3 | 15.9 | 94309 |
| IR61F | 960 | | 10 | | 1800 | 16.0 | 150.0 | 12.94 | 139.1 | 539193 |
| IR64F | 570 | | 10 | | 800 | 15.0 | 100.0 | 14.34 | 55.8 | 238340 |
| IR72F | 671 | | 4 | | 50 | 10.0 | 12.0 | 9.64 | 5.2 | 55619 |
| IR76F | 750 | | 4 | | 70 | 11.0 | 14.0 | 10.34 | 6.8 | 61336 |
| IR77F | 746 | | 4 | | 50 | 4.0 | 12.0 | 3.64 | 13.7 | 86492 |
| IR80F | | | 8 | | 240 | 7.0 | 34.0 | 6.76 | 35.5 | 165091 |
| IR84F | | | 6 | | 40 | 2.0 | 20.0 | 1.94 | 20.6 | 111344 |
| IR95F | 960 | | 8 | | 600 | 12.0 | 50.0 | 10.8 | 55.6 | 237501 |
| IR370 | | 300 | 8 | | 717 | 15.0 | 47.8 | 11.6 | 61.8 | 260087 |

TABLE A-2: Geologic and Water Quality Data from FAS Well Inventory in UEC

| MAP # | WELL NAME | STATE PLANS | | | TOP OF FORMATION NGVD(FEET) | | | DEPTH | | | COND | | | CHLOR | | TEMP °F | FLOW GPM | DIAM INCH | G.L. ELEV PT. NGVD |
|-------|-----------|-------------|--------|---------|---------------------------------|--------------|-------|-------|-------|------|-----------|------|------|-------|----|---------|----------|-----------|--------------------|
| | | D | A | T | EAST (FEET) | NORTH (FEET) | HAWTH | OLIG | OCALA | AVON | FT B.L.S. | M.S. | MG\L | % | | | | | |
| 1 | WA-727 | G | 681817 | 1169470 | -80 | -410 | -464 | -568 | 1000 | 6010 | 1770 | 84.6 | 2430 | 10 | 20 | | | | |
| 2 | WA-815 | G | 718920 | 1133099 | -113 | -641 | -763 | -830 | 995 | 2982 | 530 | 79 | 600 | 8 | 5 | | | | |
| 3 | WA-820 | G | 681712 | 1112819 | -90 | -446 | -520 | -570 | 922 | 1260 | 420 | 79.6 | 254 | 8 | 20 | | | | |
| 4 | WA-823 | G | 664197 | 1141826 | -96 | -428 | -472 | -528 | 640 | 1280 | 350 | 82 | 135 | 4 | 20 | | | | |
| 5 | WA-825 | G | 702475 | 1124530 | -124 | -494 | -574 | -625 | 670 | 1390 | 250 | 80 | 360 | 3 | 16 | | | | |
| 6 | WA-826 | G | 663853 | 1137987 | -100 | -486 | -530 | -594 | 814 | 3230 | 870 | 82.9 | 249 | 5 | 20 | | | | |
| 7 | WA-827 | G | 606769 | 1127698 | -85 | -435 | -485 | -575 | 830 | 1510 | 870 | 81 | 153 | 4 | 25 | | | | |
| 8 | WA-829 | G | 674420 | 1089763 | -100 | -530 | -580 | -660 | 741 | 3050 | 967 | 84 | 360 | 5 | 20 | | | | |
| 9 | WA-875 | G | 663214 | 1117587 | -90 | -472 | -520 | -584 | 704 | 2080 | 510 | 81 | 95 | 4 | 20 | | | | |
| 10 | WA-878 | G | 648530 | 1115814 | -90 | -434 | -488 | -574 | 766 | 3050 | 811 | 82 | 1000 | 10 | 20 | | | | |
| 11 | WA-887 | G | 704887 | 1128784 | -89 | -455 | -521 | -583 | 894 | 1450 | 214 | 78 | 243 | 5 | 17 | | | | |
| 12 | WA-1000 | G | 672933 | 1100158 | -104 | -464 | -537 | -608 | 888 | 3710 | 726 | 82 | 258 | 5 | 15 | | | | |
| 13 | WA-1005 | G | 668690 | 1101352 | -100 | -474 | -518 | -590 | 830 | 2975 | 885 | 82 | 217 | 4 | 20 | | | | |
| 14 | WA-1009 | G | 695779 | 1148834 | -112 | -404 | -468 | -630 | 904 | 2168 | 492 | 79.2 | 221 | 5 | 20 | | | | |
| 15 | WA-1016 | G | 680298 | 1106451 | -117 | -489 | -553 | -613 | 876 | 2838 | 695 | 82 | 425 | 8 | 20 | | | | |
| 16 | WA-1031 | G | 693006 | 1163564 | -90 | -392 | -450 | -616 | 686 | 1935 | 283 | 79 | 135 | 4 | 20 | | | | |
| 17 | WA-1032 | G | 728097 | 1151125 | -108 | -706 | -910 | -990 | 1020 | 6270 | 1734 | 76.5 | 250 | 5.5 | 20 | | | | |
| 18 | WA-1033 | G | 694281 | 1160541 | -84 | -368 | -428 | -622 | 740 | 1990 | 367 | 78.1 | 219 | 4 | 20 | | | | |
| 19 | WA-1083 | G | 672844 | 1120959 | -100 | -459 | -504 | -568 | 646 | 612 | 275 | 76.8 | 156 | 4 | 20 | | | | |
| 20 | WA-1085 | G | 666933 | 1111846 | -98 | -456 | -496 | -568 | 784 | 1780 | 375 | 79.8 | 124 | 4 | 20 | | | | |
| 21 | WA-1087 | G | 671903 | 1109141 | -90 | -460 | -500 | -572 | 624 | 2046 | 435 | 79.4 | 202 | 4 | 20 | | | | |

TABLE A-2: Geologic and Water Quality Data from FAS Well Inventory in UEC
(Continued)

| MAP # | WELL NAME | STATE PLANS | | TOP OF FORMATION NGVD (FEET) | | | DEPTH FT. | COND B.T.U.S. | CHLOR M.G/L | TEMP °F | FLOW GPM | DIAM INCH | G.L. FT. NGVD |
|-------|-----------|-------------|-------------|------------------------------|-------|------|-----------|---------------|-------------|---------|----------|-----------|---------------|
| | | D A | EAST (FEET) | NORTH (FEET) | HAWTH | OLIG | | | | | | | |
| 22 | WA-547 | G | 635843 | 1109508 | -90 | -540 | -618 | -714 | 820 | 2870 | - | 80.6 | 20 |
| 23 | SLF-3A | G | 679473 | 1150071 | - | -465 | -501 | -609 | 1215 | - | - | - | - |
| 24 | SLF-4 | G | 667351 | 1141435 | -93 | -433 | -500 | -543 | 993 | 2960 | - | 81.6 | - |
| 25 | SLF-5 | GL | 673614 | 1151257 | -115 | -456 | -500 | -615 | 1227 | 3680 | - | 79.5 | - |
| 26 | SLF-6 | G | 693308 | 1119537 | -97 | -459 | -519 | - | 596 | 1518 | - | 77.5 | - |
| 27 | SLF-9 | G | 632615 | 1131915 | -68 | -440 | -485 | -556 | 1058 | 3880 | 1500 | 81.5 | - |
| 28 | SLF-11 | G | 634038 | 164435 | -78 | -350 | -412 | -464 | 946 | 2300 | - | 80.8 | - |
| 29 | SLF-14 | GL | 639149 | 1091949 | -99 | -531 | -615 | -713 | 1286 | - | - | 83.5 | - |
| 30 | SLF-17 | G | 639073 | 1087809 | -96 | -555 | -625 | -742 | 1287 | 2700 | - | 84 | - |
| 31 | SLF-20 | 3 | 604518 | 1127187 | -93 | -462 | -515 | -620 | 896 | 1465 | - | 83.3 | - |
| 32 | SLF-21 | G | 693823 | 1124791 | -93 | -444 | -509 | -580 | 707 | 1300 | 300 | 78.8 | - |
| 33 | SLF-23 | GL | 672337 | 1049363 | -87 | -508 | -625 | -734 | 894 | - | - | 89.2 | - |
| 34 | SLF-26 | G | 723635 | 1111413 | -125 | -600 | -750 | -870 | 958 | - | - | 74.6 | - |
| 35 | SLF-28 | G | 734915 | 1093704 | -64 | -595 | -735 | -855 | 883 | - | - | 76.1 | - |
| 36 | SLF-31 | G | 695810 | 1067948 | -105 | -605 | -695 | -775 | 1008 | 2579 | - | 82 | - |
| 37 | SLF-40 | G | 662479 | 1121219 | -90 | -442 | -490 | -552 | 786 | 2424 | - | 81 | - |
| 38 | SLF-42 | G | 722662 | 1156952 | -118 | -594 | -775 | -895 | 1060 | 3900 | - | 76.2 | - |
| 39 | SLF-44 | G | 754882 | 1073628 | -145 | -638 | -840 | NDE | 876 | 2712 | - | 76 | 500 |
| 40 | SLF-45 | G | 721463 | 1162095 | -75 | -595 | -795 | -910 | 1100 | 4310 | - | 75.8 | - |
| 41 | SLF-46 | G | 724669 | 1152217 | -113 | -657 | -809 | -955 | 1100 | 3754 | - | 75.8 | 100 |

TABLE A-2: Geologic and Water Quality Data from FAS Well Inventory in UEC
(Continued)

| MAP # | WELL NAME | STATE PLANS | | TOP OF FORMATION NGVD(FEET) | | | DEPTH | COND | CHLOR | TEMP | FLOW | DIAM | G.L. FT. NGVD |
|-------|-----------|-------------|--------|--------------------------------|-----------------|-------|-------|------|-------|------|------|------|---------------------|
| | | D A | T A | EAST (FEET) | NORTH (FEET) | OCLIC | | | | | | | |
| 42 | SLF-47 | G | 749646 | 1088844 | -162 | -643 | -845 | -992 | 1230 | 1088 | 203 | 75.6 | 50 |
| 43 | SLF-48 | G | 687102 | 1077803 | -115 | -533 | -605 | -710 | 800 | - | - | - | - |
| 44 | SLF-50 | GL | 662956 | 1092240 | -112 | -570 | -646 | -740 | 1000 | - | 1000 | 84 | - |
| 45 | SLF-53 | G | 647734 | 1130958 | -85 | -511 | -565 | -635 | 906 | - | 1000 | 82 | 500 |
| 46 | SLF-54 | G | 606948 | 1059741 | -131 | -675 | -725 | -845 | 1304 | - | - | - | 10 |
| 47 | SLF-73 | GL | 664600 | 1108000 | -125 | -480 | -540 | -620 | 1450 | - | - | - | 25 |
| 48 | WA-1107 | G | 616134 | 1129642 | -78 | -472 | -514 | - | 636 | 2012 | 410 | 78.8 | 164 |
| 49 | WA-1117 | G | 719842 | 1096043 | -101 | -537 | -667 | -803 | 820 | 3752 | 920 | 74.6 | 246 |
| 50 | WA-1134 | G | 701631 | 1131292 | -110 | -410 | -492 | -542 | 923 | 2000 | 420 | 78 | 5 |
| 51 | WA-1136 | G | 661167 | 1111116 | -90 | -414 | -472 | -550 | 674 | 3110 | 775 | 78 | 100 |
| 52 | WA-1139 | G | 693411 | 1154377 | -114 | -376 | -448 | -630 | 987 | 2764 | 665 | 81 | 320 |
| 53 | WA-1111 | G | 617795 | 1116419 | -85 | -550 | -601 | -711 | 1108 | 4500 | 1125 | 83 | 110 |
| 54 | WA-1119 | G | 612108 | 1119533 | -78 | -455 | -500 | -600 | 673 | 2052 | 410 | 80.4 | 50 |
| 55 | WA-1140 | G | 663896 | 1104967 | -80 | -450 | -492 | -570 | 792 | 4500 | 1188 | 83 | 126 |
| 56 | WA-1142 | G | 690791 | 1156081 | -100 | -390 | -446 | -630 | 823 | 1984 | 468 | 79 | 209 |
| 57 | WA-1144 | G | 688502 | 1144962 | -94 | -434 | -500 | -630 | 891 | 2347 | 538 | 79 | 245 |
| 58 | WA-1147 | G | 638282 | 1081546 | -93 | -530 | -583 | -721 | 891 | 2080 | 403 | 82 | 184 |
| 59 | WA-1158 | G | 678998 | 1115028 | -100 | -520 | -576 | -630 | 840 | 3218 | 742 | 81.8 | 161 |
| 60 | WA-565 | G | 697021 | 1078759 | -105 | -534 | -653 | -725 | 763 | 3610 | 894 | 83 | 170 |
| 61 | WA-582 | G | 690777 | 1082768 | -105 | -531 | -605 | -685 | 930 | 2913 | 739 | 80 | 130 |

TABLE A-2:
Geologic and Water Quality Data from FAS Well Inventory in UEC
(Continued)

| MAP # | WELL NAME | STATE PLANS | | TOP OF FORMATION NGVD (FEET) | | | | DEPTH | COND | CHLOR | TEMP | FLOW | DIM | G.L. ELEV | |
|-------|-----------|------------------|----------------|------------------------------|-------|-------|-------|-------|-------|-------|------|------|------|-----------|-----|
| | | D A T A | EAST (FEET) | NORTH (FEET) | HAWTH | OOLIG | OCALA | AVON | | | | | | | |
| 62 | WA-699 | G | 699517 | 1121486 | -100 | -495 | -575 | -640 | 900 | 1910 | 420 | 79 | 600 | 6 | 25 |
| 63 | WA-708 | G | 715616 | 1127527 | | -570 | -690 | -800 | 920 | 1496 | 708 | 75 | 125 | 4 | 10 |
| 64 | WA-1082 | G | 628231 | 1065255 | -91 | -517 | -625 | -761 | 1324 | 4558 | 1098 | 85 | 571 | 7 | 25 |
| 65 | WA-1175 | G | 632262 | 1074457 | -95 | -421 | -519 | NDE | 750 | 1512 | 325 | 77.7 | 150 | 4 | 5 |
| 66 | WA-1186 | G | 716989 | 1140258 | -110 | -580 | -720 | -804 | 824 | 1928 | 330 | 76.6 | 500 | 6 | 10 |
| 67 | WA-1195 | G | 651586 | 1045645 | -100 | -530 | -630 | -770 | 950 | 3138 | 778 | 82.1 | 1000 | 8 | 30 |
| 68 | WA-612 | G | 693638 | 1069251 | -110 | -620 | -726 | -800 | 870 | 1590 | 799 | 79.6 | 75 | 5 | 0 |
| 69 | WA-611 | G | 701918 | 1073633 | -100 | -516 | -590 | -666 | 750 | 3582 | 940 | 79.2 | 25 | 6 | 0 |
| 70 | WA-615 | G | 695629 | 1068048 | -100 | -620 | -700 | -804 | 970 | 4580 | 880 | 78.2 | 100 | 6 | 0 |
| 71 | WA-625 | G | 715418 | 1046034 | - | - | - | - | 1012 | 4060 | 1010 | 81.6 | 50 | 4 | 0 |
| 72 | HD-3 | G | 678795 | 1160772 | -88 | -393 | -443 | - | 934 | - | - | - | - | - | - |
| 73 | HD-4 | G | 653763 | 1090790 | -105 | -550 | -613 | -715 | 1125 | - | - | - | - | - | 28 |
| 74 | HD18 | G | 624888 | 1124923 | -61 | -451 | -511 | - | 638 | - | - | - | - | - | 27 |
| 75 | HD22 | G | 682541 | 1068795 | -101 | -531 | -594 | - | 695 | - | - | - | - | - | 29 |
| 76 | HD23 | G | 682380 | 1064453 | -120 | -573 | -678 | -780 | 930 | - | - | - | - | - | 24 |
| 77 | FB-1 | GL | 709923 | 1130728 | -70 | -486 | -556 | -632 | 904 | 630 | 320 | - | - | - | - |
| 78 | NPSLI | GL | 710753 | 1092360 | 135 | -563 | -705 | -815 | 3324 | - | - | - | 12 | 20 | - |
| 79 | SPSLI | GL | 727706 | 1060642 | - | -685 | -860 | -985 | 3500? | 4500 | 1500 | - | - | - | 15? |
| 80 | W-4086 | G | 704804 | 1091723 | - | -594 | -660 | -800 | 5159 | - | - | - | - | - | 31 |
| 81 | FPLAG | GL | 722748 | 1092424 | - | -523 | -680 | - | 711 | - | - | - | - | - | 15? |

TABLE A-2: Geologic and Water Quality Data from FAS Well Inventory in UEC
(Continued)

| MAP # | WELL NAME | STATE PLANS | | TOP OF FORMATION NGVD (FEET) | | | | DEPTH | | COND | | TEMP °F | FLOW GPM | DIAM INCH | G.L. ELEV FT. NGVD |
|-----------------------------|-----------|------------------|----------------|---------------------------------|-------|-------|-------|-------|--------------|--------------|---|------------|-------------|--------------|-----------------------------|
| | | D A T A | EAST (FEET) | NORTH (FEET) | HAWTH | OILIG | OCALA | AVON | PT B.L.S. | M.S. MG/L | | | | | |
| 82 | SL-3 | G | 675831 | 1138442 | -97 | -437 | -527 | - | - | - | - | - | - | - | 23 |
| 83 | SL-6 | G | 684732 | 1102835 | -78 | -538 | -588 | - | 900 | - | - | - | - | - | 22 |
| 84 | SL-11 | G | 673586 | 1157821 | -92 | -400 | -458 | - | 705 | - | - | - | - | - | 22 |
| 85 | W1023 | L | 684748 | 1118992 | -81 | - | -481 | - | 930 | - | - | - | - | - | 19 |
| 86 | W1052 | L | 690151 | 1120027 | -101 | -481 | -591 | - | - | - | - | - | - | - | 19 |
| 87 | W1393 | L | 690037 | 1105889 | -78 | -518 | -623 | - | 1000 | - | - | - | - | - | 17 |
| 88 | W3018 | L | 705847 | 1169990 | -119 | -419 | -519 | - | 714 | - | - | - | - | - | 6 |
| 89 | W3023 | L | 684512 | 1170492 | -122 | -377 | -413 | - | 691 | - | - | - | - | - | 20 |
| 90 | W7677 | L | 689186 | 1133655 | -103 | -369 | -474 | - | 576 | - | - | - | - | - | 22 |
| 91 | W14703 | L | 721911 | 1146243 | -86 | -583 | -651 | - | 1092 | - | - | - | - | - | 5 |
| 92 | W15106 | L | 632801 | 1157463 | -65 | -355 | -415 | - | 900 | - | - | - | - | - | 35 |
| Martin Co. Well Data | | | | | | | | | | | | | | | - |
| 93 | MF-1 | G | 667888 | 105504 | - | -534 | -644 | -760 | 840 | 4170 | - | 90.8 | - | 7 | - |
| 94 | MF-3 | GL | 766873 | 1047651 | - | -697 | -875 | - | 1025 | 2618 | - | 77.7 | - | 8 | - |
| 95 | MF-6 | G | 635484 | 1027817 | - | -585 | -676 | -750 | 1052 | 1638 | - | 81 | - | 4 | - |
| 96 | MF-9 | G | 673410 | 1030384 | - | -510 | -594 | -716 | 880 | 4777 | - | 86.1 | - | 6 | - |
| 97 | MF-10 | G | 731133 | 997246 | - | -564 | -646 | -790 | 993 | 4160 | - | 78.6 | - | 5.5 | 20 |
| 98 | MF-20 | GL | 628261 | 102688 | - | -590 | -650 | -710 | 1200 | - | - | 81.3 | - | 8 | 30 |
| 99 | MF-23 | G | 642188 | 996134 | - | -675 | -740 | -850 | 1119 | 1200 | - | 81 | - | 6 | 16 |
| 100 | MF-25 | GL | 647112 | 984337 | - | -722 | -840 | 1220 | 1468 | - | - | 82.2 | - | 8 | 28 |

TABLE A-2: Geologic and Water Quality Data from FAS Well Inventory in UEC
 (Continued)

| MAP # | WELL NAME | STATE PLANS | | TOP OF FORMATION NGVD (FEET) | | | | DEPTH FT. | COND B.D.S. | CHLOR M.S. | TEMP °F | FLOW GPM | DIAM INCH | G.L. PT. NGVD |
|-------|-----------|-------------|--------|------------------------------|--------------|-------|------|-----------|-------------|------------|---------|----------|-----------|---------------|
| | | D T | A A | EAST (FEET) | NORTH (FEET) | HAWTH | OLIG | OCALA | AVON | | | | | |
| 101 | MF-27 | GL | 755137 | 1033035 | - | -735 | -895 | - | 991 | 1180 | - | 75.2 | - | 8 15 |
| 102 | MF-28 | G | 760322 | 1041348 | - | -780 | -926 | - | 1070 | 3140 | - | 75.2 | - | 5 10 |
| 103 | MF-30 | G | 758942 | 1031140 | - | -728 | -900 | - | 1157 | 2765 | - | 75 | - | 4 16 |
| 104 | MF-31 | GL | 767575 | 1023218 | - | -795 | -980 | - | 1091 | 3042 | - | 75 | - | 6 5 |
| 105 | MF-32 | G | 633253 | 1019631 | - | -620 | -694 | -776 | 1100 | 2375 | - | 82.4 | - | 8 20 |
| 106 | MF-33 | G | 632994 | 1015995 | - | -642 | -692 | -800 | 1200 | 1470 | - | 82.4 | - | 8 12.5 |
| 107 | MF-34 | G | 730735 | 1035717 | - | -590 | -700 | - | 800 | 3602 | - | 77 | - | 6 20 |
| 108 | MF-35 | GL | 668237 | 970484 | - | -610 | -680 | -850 | 1340 | 3078 | - | 84.6 | - | 10 20 |
| 109 | MF-36B | G | 761509 | 1025199 | - | -746 | -900 | - | 1021 | 2150 | - | 75 | - | 6 20 |
| 110 | MF-37 | G | 658684 | 984784 | - | -614 | -726 | -850 | 1260 | 1984 | - | 82 | - | 10 20 |
| 111 | W-5441 | L | 611429 | 1005429 | - | -625 | -698 | -818 | 992 | - | - | - | - | 25 |
| 112 | W-5442 | L | 619011 | 977582 | - | -644 | -724 | -759 | 997 | - | - | - | - | 6 20 |
| 113 | WA-1151 | G | 676983 | 1039689 | - | -530 | -642 | -770 | 849 | 5086 | - | 88 | - | 6 20 |
| 114 | WA-1155 | G | 622340 | 1013336 | - | -610 | -704 | -780 | 1176 | 3600 | - | 81 | - | 5 20 |
| 115 | JENSON | L | 738649 | 1056968 | - | -735 | -873 | -1060 | 3600 | - | - | - | - | 15 |
| 116 | W-14666 | L | 625110 | 1023543 | - | -568 | -648 | -708 | 1200 | - | - | - | - | 32 |
| 117 | W-13966 | L | 755121 | 1035559 | - | -734 | -904 | - | 1027 | - | - | - | - | 16 |
| 118 | W-4212 | L | 622877 | 1015256 | - | -655 | -705 | -830 | 1096 | - | - | - | - | 30 |
| 119 | W-4160 | L | 635099 | 1007722 | - | -552 | -680 | - | 778 | - | - | - | - | 32 |
| 120 | W-2861 | L | 710059 | 1034797 | - | -568 | -648 | -712 | 958 | - | - | - | - | 20 |

**TABLE A-2: Geologic and Water Quality Data from FAS Well Inventory in UEC
(Continued)**

| MAP # | WELL NAME | STATE PLANS | | | TOP OF FORMATION NGVD(FEET) | | | DEPTH | | | COND | CHLOR | TEMP | FLOW | DIA.M | G.L. ELEV | |
|-----------------------------|-----------|------------------|----------------|-----------------|---------------------------------|-------|-------|-------|---------------|------|------|-------|------|------|-------|--------------|--|
| | | D A T A | EAST (FEET) | NORTH (FEET) | HAWTH | OLIG | OCAIA | AVON | FT. B.L.S. | M.S. | | | | | | | |
| 121 | W-4399 | L | 740255 | 1029410 | - | -798 | -955 | - | 1057 | - | - | - | - | - | - | 12 | |
| 122 | W-14754 | L | 647747 | 983835 | - | -712 | -752 | - | 1220 | - | - | - | - | - | - | 28 | |
| 123 | W-15816 | L | 612766 | 1012299 | - | -681 | - | - | 1019 | - | - | - | - | - | - | 15 | |
| 124 | W-15817 | L | 612528 | 1000080 | - | -708 | - | - | 1007 | - | - | - | - | - | - | 15 | |
| 125 | W-15818 | L | 619642 | 978089 | - | -695 | -725 | - | 1013 | - | - | - | - | - | - | 15 | |
| 126 | BOG-22 | G | 642129 | 987248 | - | -675 | -775 | - | 997 | - | - | - | - | - | - | 25 | |
| 127 | BOG-23 | G | 636042 | 996113 | - | -660 | -790 | - | 1119 | - | - | - | - | - | - | 25 | |
| 128 | BOG-25 | G | 635629 | 984298 | - | -674 | -794 | - | 1042 | - | - | - | - | - | - | 24 | |
| 129 | BOG-26 | G | 632607 | 996001 | - | -640 | -746 | - | 1056 | - | - | - | - | - | - | 24 | |
| 130 | PBF-2 | G | 80931 | 953978 | - | -980 | -1085 | -1197 | 1337 | - | - | - | - | - | - | 5 | |
| 131 | C.Stuart | GL | 743799 | 1041044 | - | -790 | -945 | -1055 | 1055 | - | - | - | - | - | - | - | |
| 132 | L-143 | G | 712219 | 1036121 | - | -568 | -648 | -712 | 958 | - | - | - | - | - | - | 20 | |
| 133 | L-146 | G | 632365 | 1014781 | - | -716 | -737 | -758 | 1155 | - | - | - | - | - | - | 40 | |
| 134 | L-841 | G | 743856 | 1031451 | - | -856 | -957 | - | 1057 | - | - | - | - | - | - | 10 | |
| 135 | JUP-R/O | GL | 781929 | 945861 | - | -1076 | -1188 | -1328 | 1500 | - | - | - | - | - | - | 12 | |
| OKEECHOBEE WELL DATA | | | | | | | | | | | | | | | | | |
| 136 | OKF-2 | G | 593433 | 1166945 | - | -342 | -372 | -438 | 686 | 1022 | - | 78.8 | - | 6 | 28 | | |
| 137 | OKF-5 | G | 562688 | 1083782 | - | -474 | -550 | -700 | 1181 | 7176 | - | 82.6 | - | 8 | 36 | | |
| 138 | OKF-7 | G | 569511 | 1102271 | - | -587 | -619 | -749 | 1050 | 504 | - | 76 | - | 8 | 51 | | |
| 139 | OKF-6* | G | 519921 | 1110295 | - | -416 | -470 | -607 | 872 | - | - | 80 | - | 8 | 45 | | |

TABLE A-2:
Geologic and Water Quality Data from FAS Well Inventory in UEC
(Continued)

| MAP # | WELL NAME | STATE PLATARS | | TOP OF FORMATION NGVD(FEET) | | | | DEPTH | | COND | CHLOR | TEMP | FLOW | DIAM | G.L. ELEV. | |
|-------|-----------|---------------|--------|-----------------------------|--------------|-------|------|-------|------|--------------|-------|------|------|------|------------|-------------|
| | | A | T | EAST (FEET) | NORTH (FEET) | HAWTH | OLIG | OCALA | AVON | FT. B.L.S | M.S. | MG\L | OF | GPM | INCH | FT. NGVD |
| 140 | OKF-16* | G | 525882 | 1090608 | - | -438 | -552 | -698 | 960 | - | - | - | 82 | - | 4 | 42 |
| 141 | OKF-17* | G | 526333 | 1091315 | - | -518 | -554 | -683 | 983 | 782 | - | 79.4 | - | - | 6 | 42 |
| 142 | OKF-18* | G | 496486 | 1129273 | - | -381 | -421 | -555 | 1015 | 480 | - | 80.1 | - | - | 8 | 55 |
| 143 | OKF-19* | G | 511261 | 1132809 | - | -308 | -364 | -478 | 948 | 1576 | - | 79 | - | - | 8 | 66 |
| 144 | OKF-29 | G | 551354 | 1129710 | - | -367 | -397 | -533 | 1039 | 320 | - | 77 | - | - | 6 | 67 |
| 145 | OKF-34* | G | 492168 | 1162192 | - | -305 | -373 | -505 | 1143 | 430 | - | 76.4 | - | - | 10 | 65 |
| 146 | OKF-36* | G | 491087 | 1159062 | - | -249 | -303 | -419 | 896 | 1780 | - | 78.2 | - | - | 9 | 65 |
| 147 | OKF-37* | G | 500180 | 1144016 | - | -420 | -474 | -600 | 1039 | 510 | - | 81.3 | - | - | 6 | 62 |
| 148 | OKF-42* | GL | 462326 | 114851 | - | -341 | -371 | -565 | 1074 | 718 | - | 80.6 | - | - | 6 | 35 |
| 149 | OKF-54* | G | 525904 | 1197341 | - | -250 | -280 | -380 | 973 | 648 | - | 76.3 | - | - | 12 | 70 |
| 150 | HD-16 | G | 586715 | 1151683 | - | -375 | -390 | -475 | 1000 | - | - | - | - | - | 5 | 5 |
| 151 | HD-13 | G | 567690 | 1083782 | - | -575 | -590 | -960 | 1200 | - | - | - | - | - | 10 | - |
| 152 | W50 | L | 556412 | 1056005 | - | - | -583 | - | 1175 | - | - | - | - | - | - | - |
| 153 | W51 | L | 547833 | 1060033 | - | -549 | -619 | - | 810 | - | - | - | - | - | - | - |
| 154 | W2844 | L | 547290 | 1061446 | - | -568 | -601 | - | 925 | - | - | - | - | - | - | 5 |
| 155 | W2855 | L | 583047 | 1052011 | - | -800 | -865 | - | 1448 | - | - | - | - | - | - | 5 |
| 156 | W2857* | L | 510831 | 1056573 | - | -424 | -479 | - | 1110 | - | - | - | - | - | - | - |
| 157 | W4480 | L | 556377 | 081248 | - | -566 | -577 | - | 825 | - | - | - | - | - | - | - |
| 158 | W4572 | L | 554574 | 1080741 | - | -540 | -611 | -645 | 725 | - | - | - | - | - | - | - |
| 159 | W4699* | L | 490986 | 1110493 | - | -370 | -490 | - | 1205 | - | - | - | - | - | - | - |

TABLE A-2:

Geologic and Water Quality Data from FAS Well Inventory in UEC
(Continued)

| MAP # | WELL NAME | STATE PLANS | | TOP OF FORMATION NGVD (FEET) | | | | DEPTH | | COND. | CHLOR. | TEMP. | FLOW | DIAM. | G.L. ELEV. |
|-------|-----------|-------------|--------|------------------------------|--------------|-------|-------|-------|-------|-------|--------|-------|------|-------|------------|
| | | D | A | EAST (FEET) | NORTH (FEET) | HAWTH | OOLIG | OCALA | AVON | | | | | | |
| 160 | W4896 | L | 598879 | 1037910 | - | -453 | -543 | - | -1313 | - | - | - | - | - | - |
| 161 | W4984 | L | 569587 | 1058044 | - | -419 | -454 | -650 | 1000 | - | - | - | - | - | - |
| 162 | W5405 | L | 599652 | 1017212 | - | -578 | -631 | - | 1008 | - | - | - | - | - | - |
| 163 | W6173* | L | 529799 | 1037801 | - | - | -396 | - | 772 | - | - | - | - | - | - |
| 164 | W6175 | L | 557578 | 1187781 | - | - | -385 | - | 764 | - | - | - | - | - | - |
| 165 | W12541 | L | 593749 | 1108581 | - | -514 | -604 | - | 11277 | - | - | - | - | - | - |
| 166 | W15813* | L | 513069 | 1113523 | - | -376 | -406 | - | 10836 | - | - | - | - | - | 20 |
| 167 | OKE-ASR | GL | 569235 | 1052692 | - | -560 | -686 | -820 | 1800 | - | - | - | - | - | 3 |
| 168 | IR-320 | G | 716333 | 1178427 | - | -655 | -840 | -890 | 943 | - | - | - | - | - | 23 |
| 169 | IR-321 | G | 693982 | 1185280 | - | -335 | -410 | -490 | 888 | - | - | - | - | - | 2 |
| 170 | IR-322 | G | 715125 | 1185489 | - | -562 | -756 | - | 843 | - | - | - | - | - | 11 |
| 171 | IR-326 | G | 699072 | 1193081 | - | -363 | -431 | -476 | 703 | - | - | - | - | - | 5 |
| 172 | IR-198 | G | 700048 | 1195712 | - | -435 | -526 | -585 | 941 | - | - | - | - | - | 21 |
| 173 | IR-333 | G | 674565 | 1201853 | - | -310 | -344 | -472 | 746 | - | - | - | - | - | 16 |
| 174 | IR-335 | G | 693429 | 1206585 | - | -348 | -464 | -628 | 673 | - | - | - | - | - | 21 |
| 175 | IR-336 | G | 686857 | 1208069 | - | -350 | -420 | -530 | 620 | - | - | - | - | - | - |

*: denotes wells West of the study area boundaries, not portrayed in location map.

G: Geophysical logs available
L: Lithologic logs available

APPENDIX B

**MONTHLY WATER USE REPORTS
SUBMITTED TO THE
SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

APPENDIX B
LIST OF TABLES

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TABLE B-1: 1989 Monthly Agricultural Pumpage Reports

| PERMIT/FACILITY # | MODEL COORDS | | | 1989 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | | | | | | |
|-------------------|--------------|-----|-----|---|------|------|------|------|------|------|------|------|------|------|------|
| | LAT | ROW | COL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 5600035-1 | 2 | 12 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-2 | 2 | 11 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-3 | 2 | 11 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-4 | 2 | 11 | 16 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-5 | 2 | 10 | 16 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-6 | 2 | 11 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-7 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-8 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-9 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-10 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-11 | 2 | 9 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-12 | 2 | 9 | 16 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-13 | 2 | 9 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600035-14 | 2 | 8 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 | 1.52 | 1.40 | 1.26 | 1.62 | 1.52 |
| 5600071-1 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600071-2 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600071-3 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600071-4 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096-1 | 2 | 14 | 24 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-2 | 2 | 14 | 24 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-3 | 2 | 14 | 24 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-4 | 2 | 13 | 24 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-5 | 2 | 13 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-6 | 2 | 14 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-7 | 2 | 14 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-8 | 2 | 14 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-9 | 2 | 14 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-10 | 2 | 14 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-11 | 2 | 14 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-12 | 2 | 13 | 23 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-13 | 2 | 13 | 22 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-14 | 2 | 14 | 22 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |

TABLE B-1: 1989 Monthly Agricultural Pumpage Reports (Continued)

| PERMIT/FACILITY # | MODEL COORDS | | | 1989 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | | | | | | |
|-------------------|--------------|-----|-----|---|------|-------|-------|-------|-------|------|------|------|------|------|------|
| | ROW | COL | LAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 5600096-15 | 2 | 14 | 22 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-16 | 2 | 14 | 22 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-17 | 2 | 14 | 21 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-18 | 2 | 14 | 21 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-19 | 2 | 14 | 21 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-20 | 2 | 13 | 21 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600096-21 | 2 | 13 | 24 | 3.60 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 |
| 5600098-7 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098-10 | 2 | 8 | 13 | 0.07 | 0.07 | 0.06 | 4.22 | 15.79 | 12.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098-11 | 2 | 9 | 13 | 0.07 | 0.07 | 0.06 | 4.22 | 15.79 | 12.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.30 |
| 5600098-12 | 2 | 9 | 13 | 0.03 | 0.07 | 0.06 | 4.22 | 12.98 | 4.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098-13 | 2 | 9 | 13 | 0.00 | 0.00 | 14.40 | 4.22 | 4.43 | 4.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098-13A | 2 | 9 | 13 | 7.20 | 0.00 | 0.00 | 10.56 | 11.04 | 11.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098-14 | 2 | 10 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 11.04 | 11.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.21 |
| 5600098-14A | 2 | 9 | 13 | 2.88 | 0.00 | 14.40 | 10.56 | 11.04 | 11.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.21 |
| 5600098-15 | 2 | 10 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098-16 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098-18 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.88 |
| 5600098-19 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.88 |
| 5600098-20 | 2 | 12 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.20 |
| 5600101-1 | 2 | 10 | 30 | 3.46 | 3.46 | 3.46 | 3.46 | 3.46 | 3.46 | 3.46 | 3.46 | 3.46 | 3.46 | 3.46 | 2.88 |
| 5600116-1 | 2 | 27 | 16 | 0.02 | 0.03 | 0.07 | 0.27 | 1.17 | 0.08 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| 5600116-2 | 2 | 27 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 5600116-3 | 2 | 28 | 15 | 0.02 | 0.03 | 0.07 | 0.27 | 1.17 | 0.08 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| 5600116-4 | 2 | 28 | 16 | 0.03 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 5600116-5 | 2 | 28 | 17 | 0.03 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 5600116-6A | 2 | 29 | 16 | 0.03 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 5600116-7 | 2 | 29 | 17 | 0.03 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 5600116-8 | 2 | 30 | 16 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 5600116-9 | 2 | 30 | 17 | 0.02 | 0.03 | 0.07 | 0.27 | 1.17 | 0.08 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| 5600116-10 | 2 | 31 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 5600116-11 | 2 | 32 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 5600116-12 | 2 | 33 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |

TABLE B-1: 1989 Monthly Agricultural Pumpage Reports (Continued)

| PERMIT/FACILITY | MODEL COORDS. | | 1989 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | | | | | | | |
|-----------------|---------------|-----|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | LAT | ROW | COL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| S600116-13 | 2 | 34 | 18 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| S600147-1 | 2 | 15 | 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 | 0.00 | 3.02 | 0.00 | 0.00 | 0.00 |
| S600147-2 | 2 | 15 | 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 | 0.00 | 3.02 | 0.00 | 0.00 | 0.00 |
| S600147-3 | 2 | 15 | 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 | 0.00 | 3.02 | 0.00 | 0.00 | 0.00 |
| S600147-4 | 2 | 15 | 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 | 0.00 | 3.02 | 0.00 | 0.00 | 0.00 |
| S600417-1 | 2 | 17 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600417-2 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600417-3 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600428-16 | 2 | 30 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600428-19 | 2 | 28 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600428-21 | 2 | 27 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600428-22 | 2 | 27 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600428-23 | 2 | 27 | 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600428-25 | 2 | 27 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600428-18 | 2 | 30 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| S600473-1 | 2 | 10 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-3 | 2 | 11 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-4 | 2 | 12 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-5 | 2 | 12 | 15 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-6 | 2 | 12 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-7 | 2 | 12 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-8 | 2 | 12 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-9 | 2 | 14 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-10 | 2 | 14 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-11 | 2 | 14 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-12 | 2 | 12 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-13 | 2 | 15 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-14 | 2 | 15 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-16 | 2 | 13 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-17 | 2 | 15 | 18 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-18 | 2 | 15 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-19 | 2 | 15 | 18 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| S600473-20 | 2 | 15 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |

TABLE B-1: 1989 Monthly Agricultural Pumpage Reports (Continued)

| PERMIT/FACILITY # | MODEL COORDS | | | 1989 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | | | | | | |
|-------------------|--------------|-----|-----|---|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | LAT | ROW | COL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 5600473-21 | 2 | 15 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-22 | 2 | 15 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-23 | 2 | 12 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-24 | 2 | 12 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-25 | 2 | 11 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-26 | 2 | 10 | 14 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-27 | 2 | 12 | 15 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-28 | 2 | 16 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-29 | 2 | 16 | 16 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-30 | 2 | 15 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-31 | 2 | 13 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 5600473-32 | 2 | 13 | 17 | 6.39 | 6.80 | 0.00 | 0.24 | 8.76 | 3.45 | 0.60 | 0.00 | 0.00 | 0.00 | 1.98 | 3.11 |
| 4300030-3 | 2 | 34 | 43 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 |
| 4300030-4 | 2 | 34 | 43 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 |
| 4300030-5 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 | 3.69 | 4.76 | 3.82 | 3.86 | 3.33 |
| 4300030-7 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 | 3.69 | 4.76 | 3.82 | 3.86 | 3.33 |
| 4300030-9 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 | 3.69 | 4.76 | 3.82 | 3.86 | 3.33 |
| 4300030-10 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 | 3.69 | 4.76 | 3.82 | 3.86 | 3.33 |
| 4300030-11 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 | 3.69 | 4.76 | 3.82 | 3.86 | 3.33 |
| 4300030-12 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 | 3.69 | 4.76 | 3.82 | 3.86 | 3.33 |
| 4300030-13 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 | 3.69 | 4.76 | 3.82 | 3.86 | 3.33 |
| 4300031-7 | 2 | 35 | 40 | 13.82 | 13.82 | 13.82 | 13.82 | 13.82 | 13.82 | 0.00 | 0.00 | 0.00 | 0.00 | 13.82 | 13.82 |
| 430082 | 2 | 32 | 39 | 0.00 | 0.00 | 0.96 | 0.83 | 0.72 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4300140-1 | 2 | 48 | 46 | 3.95 | 116.62 | 0.09 | 0.12 | 0.14 | 3.34 | 1.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4300260-1 | 2 | 44 | 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.40 |
| 4700003-1 | 2 | 31 | 1 | 5.92 | 1.26 | 0.00 | 1.97 | 3.29 | 3.95 | 2.63 | 0.00 | 0.00 | 1.95 | 3.95 | 3.74 |
| 4700007-1 | 2 | 12 | 8 | 0.58 | 4.45 | 6.84 | 8.84 | 20.75 | 14.70 | 3.67 | 0.00 | 2.45 | 0.82 | 9.88 | 11.80 |
| 4700008-7 | 2 | 12 | 7 | 0.00 | 9.44 | 3.39 | 4.21 | 9.48 | 6.55 | 2.57 | 0.01 | 5.46 | 1.40 | 6.43 | 12.60 |
| 4700008-2 | 2 | 12 | 8 | 0.00 | 9.48 | 3.35 | 4.60 | 9.01 | 7.02 | 3.74 | 1.64 | 2.30 | 1.68 | 6.36 | 6.43 |
| 4700017-1 | 2 | 11 | 7 | 9.88 | 99.18 | 7.12 | 5.89 | 13.73 | 8.20 | 3.21 | 1.64 | 1.65 | 1.93 | 8.94 | 5.72 |
| 4700082-4 | 2 | 19 | 3 | 22.66 | 20.47 | 22.66 | 21.93 | 22.66 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 |
| 4700082-2 | 2 | 17 | 3 | 22.66 | 20.47 | 22.66 | 21.93 | 22.66 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 |
| 4700082-3 | 2 | 18 | 1 | 22.66 | 20.47 | 22.66 | 21.93 | 22.66 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 | 21.93 |

TABLE B-2: 1990 Monthly Agricultural Pumpage Reports

| PERMIT/ FACILITY # | MODEL COORDS | | | 1990 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | |
|-----------------------|--------------|-----|-----|---|------|------|------|------|------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL |
| | LAY | ROW | COL | | | | | | | |
| 5600035/1 | 2 | 12 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/2 | 2 | 11 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/3 | 2 | 11 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/4 | 2 | 11 | 16 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/5 | 2 | 10 | 16 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/6 | 2 | 11 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/7 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/8 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/9 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/10 | 2 | 10 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/11 | 2 | 9 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/12 | 2 | 9 | 16 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/13 | 2 | 9 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600035/14 | 2 | 8 | 17 | 1.32 | 1.62 | 1.19 | 2.34 | 2.95 | 1.28 | 0.75 |
| 5600071/1 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 |
| 5600071/2 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 |
| 5600071/3 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 |
| 5600071/4 | 2 | 24 | 21 | 2.00 | 0.00 | 0.00 | 2.00 | 2.00 | 0.00 | 0.00 |
| 5600096/1 | 2 | 14 | 24 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/2 | 2 | 14 | 24 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/3 | 2 | 14 | 24 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/4 | 2 | 13 | 24 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/5 | 2 | 13 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/6 | 2 | 14 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/7 | 2 | 14 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/8 | 2 | 14 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/9 | 2 | 14 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/10 | 2 | 14 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/11 | 2 | 14 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/12 | 2 | 13 | 23 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/13 | 2 | 13 | 22 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/14 | 2 | 14 | 22 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |

TABLE B-2: 1990 Monthly Agricultural Pumpage Reports (Continued)

| PERMIT/ FACILITY # | MODEL COORDS | | | 1990 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | |
|-----------------------|--------------|-----|-----|---|-------|-------|-------|-------|-------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL |
| | LAY | ROW | COL | | | | | | | |
| 5600096/15 | 2 | 14 | 22 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/16 | 2 | 14 | 22 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/17 | 2 | 14 | 21 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/18 | 2 | 14 | 21 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/19 | 2 | 14 | 21 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/20 | 2 | 13 | 21 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600096/21 | 2 | 13 | 24 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098/7 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098/10 | 2 | 8 | 13 | 0.07 | 0.07 | 0.06 | 4.22 | 15.79 | 12.67 | 0.00 |
| 5600098/11 | 2 | 9 | 13 | 0.07 | 0.07 | 0.06 | 4.22 | 15.79 | 12.67 | 0.00 |
| 5600098/12 | 2 | 9 | 13 | 0.03 | 0.07 | 0.06 | 4.22 | 12.98 | 4.61 | 0.00 |
| 5600098/13 | 2 | 9 | 13 | 0.00 | 0.00 | 14.40 | 4.22 | 4.43 | 4.61 | 0.00 |
| 5600098/13a | 2 | 9 | 13 | 7.20 | 0.00 | 0.00 | 10.56 | 11.04 | 11.52 | 0.00 |
| 5600098/14 | 2 | 10 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 11.04 | 11.52 | 0.00 |
| 5600098/14a | 2 | 9 | 13 | 2.88 | 0.00 | 14.40 | 10.56 | 11.04 | 11.52 | 0.00 |
| 5600098/15 | 2 | 10 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098/16 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098/18 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098/19 | 2 | 11 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600098/20 | 2 | 12 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600101/1 | 2 | 10 | 30 | 11.88 | 11.88 | 11.88 | 3.46 | 3.46 | 3.46 | 3.46 |
| 5600116/1 | 2 | 27 | 16 | 0.02 | 0.03 | 0.07 | 0.27 | 1.17 | 0.08 | 0.01 |
| 5600116/2 | 2 | 27 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 |
| 5600116/3 | 2 | 28 | 15 | 0.02 | 0.03 | 0.07 | 0.27 | 1.17 | 0.08 | 0.01 |
| 5600116/4 | 2 | 28 | 16 | 0.02 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 |
| 5600116/5 | 2 | 28 | 17 | 0.02 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 |
| 5600116/6 | 2 | 29 | 16 | 0.02 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 |
| 5600116/7 | 2 | 29 | 17 | 0.02 | 0.05 | 0.11 | 0.41 | 1.75 | 0.12 | 0.01 |
| 5600116/8 | 2 | 30 | 16 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 |
| 5600116/9 | 2 | 30 | 17 | 0.02 | 0.03 | 0.07 | 0.27 | 1.17 | 0.08 | 0.01 |
| 5600116/10 | 2 | 31 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 |
| 5600116/11 | 2 | 32 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 |
| 5600116/12 | 2 | 33 | 17 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 |
| 5600116/13 | 2 | 34 | 18 | 0.01 | 0.02 | 0.04 | 0.14 | 0.58 | 0.04 | 0.00 |

TABLE B-2: 1990 Monthly Agricultural Pumpage Reports (Continued)

| PERMIT/ FACILITY # | MODEL COORDS | | | 1990 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | |
|-----------------------|--------------|-----|-----|---|------|------|------|-------|------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL |
| | LAT | ROW | COL | | | | | | | |
| 5600147/1 | 2 | 15 | 23 | 0.00 | 0.00 | 0.78 | 0.00 | 0.00 | 1.30 | 0.00 |
| 5600147/2 | 2 | 15 | 23 | 0.00 | 0.00 | 0.78 | 0.00 | 0.00 | 1.30 | 0.00 |
| 5600147/3 | 2 | 15 | 23 | 0.00 | 0.00 | 0.78 | 0.00 | 0.00 | 1.30 | 0.00 |
| 5600147/4 | 2 | 15 | 23 | 0.00 | 0.00 | 0.78 | 0.00 | 0.00 | 1.30 | 0.00 |
| 5600417/1 | 2 | 17 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/2 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/3 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/4 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/5 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/6 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/7 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/8 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/9 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/10 | 2 | 17 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/11 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/12 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/13 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600417/14 | 2 | 17 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/16 | 2 | 30 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/19 | 2 | 28 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/21 | 2 | 27 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/22 | 2 | 27 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/23 | 2 | 27 | 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/24 | 2 | 27 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/25 | 2 | 30 | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/26 | 2 | 33 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600428/27 | 2 | 33 | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600473/1 | 2 | 10 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/2 | 2 | 11 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/3 | 2 | 12 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/4 | 2 | 12 | 15 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/5 | 2 | 12 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/6 | 2 | 12 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/7 | 2 | 12 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |

TABLE B-2: 1990 Monthly Agricultural Pumpage Reports (Continued)

| PERMIT/ FACILITY # | MODEL COORDS | | | 1990 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | |
|-----------------------|--------------|-----|-----|---|-------|------|-------|-------|-------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL |
| | LAT | ROW | COL | | | | | | | |
| 5600473/8 | 2 | 14 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/9 | 2 | 14 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/10 | 2 | 14 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/11 | 2 | 12 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/12 | 2 | 15 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/13 | 2 | 15 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/14 | 2 | 13 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/15 | 2 | 15 | 18 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/16 | 2 | 15 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/17 | 2 | 15 | 18 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/18 | 2 | 15 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/19 | 2 | 15 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/20 | 2 | 15 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/21 | 2 | 12 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/22 | 2 | 12 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/23 | 2 | 11 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/24 | 2 | 10 | 14 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/25 | 2 | 12 | 15 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/26 | 2 | 16 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/27 | 2 | 16 | 16 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/28 | 2 | 15 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/29 | 2 | 13 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 5600473/30 | 2 | 13 | 17 | 1.38 | 0.49 | 1.38 | 0.24 | 15.74 | 4.54 | 1.21 |
| 4300030/1 | 2 | 34 | 43 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 |
| 4300030/2 | 2 | 34 | 43 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 | 4.21 |
| 4300030/3 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 |
| 4300030/4 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 |
| 4300030/5 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 |
| 4300030/6 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 |
| 4300030/7 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 |
| 4300030/8 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 |
| 4300030/9 | 2 | 35 | 43 | 3.13 | 3.10 | 3.45 | 3.59 | 4.08 | 4.00 | 3.48 |
| 4300031/7 | 2 | 35 | 40 | 13.82 | 13.82 | 7.09 | 13.82 | 13.82 | 13.82 | 0.00 |
| 4300082/1 | 2 | 32 | 39 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.60 |

TABLE B-2: 1990 Monthly Agricultural Pumpage Reports (Continued)

| PERMIT/ FACILITY # | MODEL COORDS | | | 1990 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | |
|-----------------------|--------------|-----|-----|---|-------|-------|-------|-------|-------|-------|
| | LAY | ROW | COL | JAN | FEB | MAR | APR | MAY | JUN | JUL |
| | | | | | | | | | | |
| 4300140/1 | 2 | 48 | 46 | 0.00 | 0.00 | 0.00 | 0.12 | 0.14 | 3.34 | 1.94 |
| 4300260/1 | 2 | 44 | 24 | 14.40 | 14.40 | 14.40 | 14.40 | 0.00 | 0.00 | 0.00 |
| 4700003/1 | 2 | 31 | 1 | 5.92 | 0.00 | 0.00 | 1.97 | 3.29 | 3.95 | 2.63 |
| 4700007/1 | 2 | 12 | 8 | 0.58 | 4.45 | 6.84 | 8.84 | 20.75 | 14.70 | 3.67 |
| 4700008/1 | 2 | 12 | 7 | 0.00 | 2.18 | 5.42 | 4.21 | 9.48 | 6.55 | 2.57 |
| 4700008/2 | 2 | 12 | 8 | 0.31 | 2.34 | 5.42 | 4.60 | 9.01 | 7.02 | 3.74 |
| 4700017/1 | 2 | 11 | 7 | 0.00 | 0.02 | 0.02 | 5.89 | 13.73 | 8.20 | 3.21 |
| 4700082/1 | 2 | 19 | 3 | 22.66 | 22.66 | 22.66 | 21.93 | 22.66 | 21.93 | 21.93 |
| 4700082/2 | 2 | 17 | 3 | 22.66 | 22.66 | 22.66 | 21.93 | 22.66 | 21.93 | 21.93 |
| 4700082/3 | 2 | 18 | 1 | 22.66 | 22.66 | 22.66 | 21.93 | 22.66 | 21.93 | 21.93 |

TABLE B-3:

1989 Monthly Public Water Supply Pumpage Reports

PUBLIC WATER SUPPLY REPORTS 1989 PUMPAGE IN MILLION GALLONS PER MONTH

| SFWMD PERMIT # | LAY | ROW | COL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|----------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4300130 | 3 | 30 | 41 | 0.00 | 0.00 | 1.40 | 1.13 | 1.05 | 0.00 | 1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4300328 | 3 | 32 | 42 | 2.79 | 3.96 | 0.00 | 3.53 | 2.86 | 2.57 | 3.64 | 3.02 | 0.00 | 2.88 | 5.34 | 0.00 |
| 4300067 | 2 | 36 | 43 | 0.00 | 0.00 | 0.00 | 0.00 | 4.63 | 2.01 | 2.01 | 1.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600085 | 2 | 16 | 31 | 10.35 | 8.40 | 13.29 | 11.73 | 12.48 | 14.11 | 12.80 | 13.52 | 13.66 | 12.93 | 13.75 | 15.59 |
| 5600300 | 2 | 24 | 39 | 0.30 | 0.30 | 0.30 | 0.30 | 0.29 | 0.26 | 0.25 | 0.45 | 0.22 | 0.25 | 0.42 | 0.50 |
| *456-1954 | 2 | 26 | 39 | 1.00 | 1.00 | 1.00 | 1.00 | 1.92 | 1.57 | 1.73 | 1.67 | 1.45 | 1.66 | 1.73 | 1.73 |
| *456-5007 | 2 | 27 | 40 | 1.00 | 1.00 | 1.00 | 1.00 | 4.31 | 4.00 | 4.01 | 2.67 | 1.96 | 1.07 | 1.38 | 1.62 |
| *456-4001 | 2 | 26 | 40 | — | — | — | — | 0.66 | 0.51 | 0.60 | 0.66 | 0.56 | 0.85 | 0.84 | 0.86 |
| 4300332-1 | 2 | 10 | 34 | 3.38 | 3.36 | 3.78 | 0.00 | 2.60 | 3.15 | 3.12 | 2.79 | 3.12 | 2.90 | 2.75 | 2.81 |
| 6100089-1 | 2 | 1 | 28 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 |
| 6100089-2 | 2 | 1 | 27 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 |
| 6100089-3 | 2 | 2 | 28 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 |
| 6100089-4 | 2 | 2 | 28 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 |
| 61-00093 | 2 | 3 | 24 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 |
| 61-00099 | 2 | 4 | 22 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 |
| 61-00129 | 2 | 3 | 28 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 |
| 61-00514 | 2 | 4 | 22 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |

*: FDER permit number.

TABLE B-4: 1990 Monthly Public Water Supply Pumpage Reports

| SFWMD PERMIT # | PUBLIC WATER SUPPLY REPORTS 1990 PUMPAGE IN MILLION GALLONS PER MONTH | | | | | | | | | | | | DEC | | |
|-------------------|---|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | LAY | ROW | COL | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| 4300130 | 3 | 30 | 41 | 1.31 | 1.31 | 1.43 | 1.34 | 9.90 | 7.69 | 7.47 | 0.86 | — | — | — | — |
| 4300030 | 2 | 34 | 43 | 1.77 | 1.70 | 2.10 | 1.58 | 1.28 | 1.19 | 1.27 | — | — | — | — | — |
| 4300030 | 2 | 35 | 43 | 1.77 | 1.70 | 2.10 | 1.58 | 2.86 | 1.19 | 1.27 | — | — | — | — | — |
| 4300328 | 2 | 32 | 42 | 2.79 | 3.96 | 5.46 | 4.37 | 3.22 | 2.57 | 3.64 | 3.02 | 0.00 | 2.88 | 5.34 | 0.00 |
| 4300067 | 2 | 36 | 43 | 0.00 | 0.00 | 0.00 | 0.90 | 1.00 | 0.80 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5600085 | 2 | 16 | 31 | 10.35 | 8.33 | 13.29 | 11.73 | 12.43 | 14.11 | 12.80 | — | — | — | — | — |
| 5600300 | 2 | 24 | 39 | 0.45 | 0.48 | 0.44 | 0.44 | 0.40 | 0.41 | 0.40 | 0.47 | 0.40 | 0.40 | 0.40 | 0.45 |
| * 456-1954 | 2 | 26 | 39 | 2.21 | 2.45 | 2.63 | 1.96 | 1.47 | 1.47 | 1.68 | 1.62 | 1.26 | 1.70 | 1.83 | 2.43 |
| * 456-5007 | 2 | 27 | 40 | 1.52 | 1.69 | 1.23 | 1.23 | 0.77 | 0.77 | 0.92 | 0.76 | 0.46 | 0.92 | 1.00 | 1.98 |
| * 456-4001 | 2 | 26 | 40 | 1.19 | 1.07 | 1.27 | 1.14 | 0.84 | 0.65 | 0.70 | 0.73 | 0.79 | 1.24 | 1.03 | 1.07 |
| 4300362-1 | 2 | 10 | 34 | 3.67 | 3.84 | 4.33 | 3.90 | 3.65 | 3.15 | 3.12 | — | — | — | — | — |
| 6100089-1 | 2 | 1 | 28 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | — | — | — | — |
| 6100089-2 | 2 | 1 | 27 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | 41.46 | — | — | — | — |
| 6100089-3 | 2 | 2 | 28 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 | — | — | — | — |
| 6100089-4 | 2 | 2 | 28 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | 3.45 | — |
| 6100093 | 2 | 3 | 24 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 |
| 6100099 | 2 | 4 | 22 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 |
| 6100129 | 2 | 3 | 28 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 |
| 6100514 | 2 | 4 | 22 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |

* : FEDER permit number.

APPENDIX C

WATER USE PERMIT INFORMATION

APPENDIX C

INTRODUCTION

This appendix contains information on individual water use permits issued by the Water Use Division, Regulation Department, South Florida Water Management District. The one exception is the Indian River water use permits which were issued by the St. John's River Water Management District. The information on these spreadsheets was used to compile well withdrawal data used in this model.

Permits issued through January 1991 are included in this appendix. The information is organized into five spreadsheets. The five sections are organized by county. They are listed in the following order: St. Lucie, Martin, Okeechobee, Indian River and Osceola counties.

APPENDIX C
WATER USE DATA
LIST OF SPREADSHEETS BY COUNTY

| | Page |
|---------------------------|------|
| Key to the Codes | 126 |
| St. Lucie County | 128 |
| Martin County | 200 |
| Okeechobee County | 206 |
| Indian River County | 211 |
| Osceola County | 241 |

Key to the Codes

AN.ALL. = Annual Permitted Allocation
ALL.UNT. = Annual Allocation Units
 01 = MGD
 02 = MGM
 03 = MGY
 04 = AC-FT
MAXMO = Maximum Monthly Permitted Allocation
 01 = MGD
 02 = MGM
 03 = AC-FT
CO = County Code (from permit number)
DATE ISS = Date Permit Issued (mo/yr)
USE TYPE = AG, IND, GLF, PWS, COM, REC
SRC = Source (SW, GW, BOTH)
NO.WLS. = Number of ACTIVE permitted wells
SWPMPS = Number of Surface Water Pumps
DEVNO. = Development Number (for projected uses only)
AQ. = Aquifer
 01 = Water Table
 02 = Surficial (Semi-confined)
 03 = Lower Tamiami
 04 = Sandstone
 05 = mid-Hawthorn
 06 = lower Hawthorn
 07 = Suwannee
 08 = Floridan
 09 = Biscayne
CROP TYPE = Blaney-Criddle Code
 11 = Alfalfa
 12 = Avacado
 13 = Citrus
 14 = Grapes
 15 = Turf
 16 = Suger Beet
 20 = Pasture
 51 = Dry Beans
 52 = Green Beans
 53 = Grain Corn
 54 = Silage Corn
 55 = Sweet Corn
 56 = Melons
 57 = Peas
 58 = Potato
 59 = Soybeans
 60 = Tomato
 61 = Small Vegetables
 5 or 70 = Nursery
RAINST = Rain Station Code Number
 1 = NAPLES
 2 = FT. MYERS
 3 = WEST PALM BEACH
 4 = STUART
 5 = FT. LAUDERDALE
 6 = KISSIMMEE
 7 = MELBOURNE
 8 = ORLANDO
 9 = TITUSVILLE
 10 = FELLSMERE
 11 = FT. PIERCE
 12 = OKEECHOBEE
 13 = AVON PARK
 14 = MOORE HAVEN
 15 = LABELLE
 16 = BELLE GLADE
 17 = LOXAHATCHEE
 18 = JUPITER
 21 = TAMAMI 4
 22 = HOMESTEAD
 23 = POMPANO BEACH
 24 = INDIANTOWN
 25 = HYPOUXO
 26 = BIG CYPRESS
 27 = EVERGLADES
 28 = HIALEAH
 29 = LAKE PLACID
 30 = MERRIT ISLAND
 31 = VERO BEACH

Key to the Codes (Continued)

LOS = Level of Service (leave blank)

STS = Status

- 01 = Existing
- 02 = Proposed
- 03 = Stand By/Backup
- 04 = To Be Plugged

DPTH CODE = Datum for Elevations

- 01 = NGVD

- 02 = Land Surface

FMPINT = Depth to Pump Intake (Wells Only)

PUMP TYPE

- 01 = Centrifical (suction)
- 02 = Lift (turbine, jet, submersible)
- 03 = Unknown

PUMP CAP. = Capacity in GPM (SW & GW Facilities)

- 01 = Unknown

MTR? = Is use Metered by Volume or Power Consumption and Reported to the District?

- Y = Yes

- N = No

YPLNR = North Planar Coordinate

XPLNR = East Planar Coordinate

**St. Lucie County
Water Use Spreadsheets**

St. Lucie County

WITH THE SPACES BETWEEN ST. LUCIE COUNTY FLS.

Forecasted Agricultural Demand for Escom Reliability

Existing Water Use - facilities information for each permit

| LINE 2: HEADINGS (BLOCK 1 - CARRYING) | | PMP | PUM | PUMP | DPTH | QUAD. | WELL | FACILITY | PERMIT | NO. | NO. | STSDIA. | CD | INT | TYP CAP. | MIR? | XPLNR | SRC | AQ | COMMENTS |
|---------------------------------------|--|-----|-----|------|------|-------|------|----------|--------|-----|-----|---------|----|-----|----------|------|-------|-----|----|----------|
|---------------------------------------|--|-----|-----|------|------|-------|------|----------|--------|-----|-----|---------|----|-----|----------|------|-------|-----|----|----------|

Surface water pumps assigned aquifer code 5 for convenience
of programming.

| | | | | | | | | | | | | | | | | |
|---------|------------|--------|----|--------|------|--------|--------------------|-------------------|--------------------------|--------------------------|--------------------------------|-----------------------------------|---|----|-----|------|
| 5600001 | 5600001-1 | 615 | 03 | 171 | 02 | 56 | 12/74 REC.BOT | 5.3 | SAVANNA RECREATION AREA | 56 | 02 | 15 | 4 | 11 | 640 | 0.50 |
| | | 073 | 01 | 2.00 | 02 | 7 | ? | 02 | 75 N | 723910 1110607 GU | 02 | Cap. estimated | | | | |
| | | 073 | 01 | 2.00 | 02 | 7 | 02 | 75 N | 723816 1112121 GU | 02 | | | | | | |
| | | 073 | 01 | 2.00 | 02 | 7 | 02 | 75 N | 723042 1111617 GU | 08 | PLUNGED, WAS POT.RUN WELL | | | | | |
| | | 073 | 01 | 6.00 | 02 | ? | FLO | 250 N | 723035 1111413 GU | 08 | PLUNGED | | | | | |
| | | 073 | 04 | 6.00 | 02 | ? | FLO | 250 N | 723038 1112425 GU | 08 | THREE SU PUMPS ROUTE WATER | | | | | |
| | | 073 | 04 | 6.00 | 02 | ? | FLO | 250 N | 705100 1139994 SW | 5 | FROM C-25 THROUGH FEEDER | | | | | |
| | | 073 | 02 | 14.00 | 01 | 2.7.01 | 100000 Y | 703922 1126229 SW | 5 | FROM C-25 THROUGH FEEDER | | | | | | |
| | | 073 | 01 | 24.00 | 01 | 10.501 | 17000 N | 719794 1121390 SW | 5 | CANALS TO REC. AREA | | | | | | |
| | 5600001-3P | 073 | 01 | 24.00 | 01 | | | | | | | | | | | |
| 5600004 | 5600004-1 | 156.38 | 03 | 57.56 | 02 | 56 | 9/87 AG BOT | 1.2 | Alberta Hayes | 56 | | | | | | |
| | | 083 | 01 | 6.00 | 02 | 1000 | non | 250 N | 672409. 1080025 GU | 08 | Cap estim. | | | | | |
| | | 083 | 01 | 36.00 | 01 | SURF. | C-2403 | 10,000 N | 673940. 1090321 SW | 5 | C-24 | | | | | |
| | | 083 | 01 | 24.00 | 01 | SURF. | C-2403 | 10,000 N | 675799. 1087043 SW | 5 | C-24 CANAL SOURCE | | | | | |
| 5600005 | 5600005-1 | 40 | 03 | 0.65 | 01 | 56 | 2/65 IND.BOT | 4.1 | TROPICANA PRODUCTS, INC. | 56 | | | | | | |
| | | 072 | 01 | 6.00 | 02 | 87 | 78 | 65 02 | 100 Y | 697616. 1106731 GU | 02 | FRUIT PROCESSING PLANT | | | | |
| | | 072 | 01 | 6.00 | 02 | 87 | 78 | 65 02 | 100 Y | 697405. 1106946 GU | 02 | | | | | |
| | | 072 | 01 | 6.00 | 02 | 87 | 78 | 65 02 | 100 Y | 697729. 1107258 GU | 02 | | | | | |
| | | 072 | 01 | 6.00 | 02 | 87 | 78 | 65 02 | 100 Y | 699450. 1107081 GU | 02 | | | | | |
| | | 072 | 01 | 6.00 | 02 | 76 | 46 | 65 02 | 150 Y | 698074. 1106925 SW | 5 | S.U.emrg.fire ONSITE PONDS | | | | |
| | | 072 | 04 | 36.00 | SURF | POND | N | | | | | | | | | |
| | 5600005-C | 072 | 04 | | | | | | | | | | | | | |
| 5600006 | 5600006-1 | 846.82 | 03 | 311.68 | 02 | 56 | 2/88 AG BOT | 2.3 | UNITED GROVES, INC. | 56 | | | | | | |
| | | 071 | 01 | 12.00 | 02 | 1100 | 180 | 1835 N | 651692. 1143232 GU | 08 | | | | | | |
| | | 071 | 01 | 10.00 | 02 | 1100 | 180 | 1700 N | 651759. 1147303 GU | 08 | CASING DEPTH APPROX. 180° S.W. | | | | | |
| | | 071 | 01 | 24.00 | 01 | 24.00 | 02 | 18,000 | 653656. 1140568 SW | 5 | FROM C-25 CANAL | | | | | |
| | | 071 | 01 | 24.00 | 02 | 18,000 | 653656. 1140568 SW | 5 | C-25 | | | | | | | |
| | | 071 | 01 | 24.00 | 02 | 8,000 | 656022. 1146298 SW | 5 | C-25 | | | | | | | |
| | 5600006-3 | 071 | 01 | 24.00 | 02 | | | | | | | | | | | |
| 5600008 | 5600008-1 | 69.45 | 03 | 25.56 | 02 | 56 | 12/87 AG BOT | 3.1 | GEORGE HAMMER, SR. | 56 | | | | | | |
| | | 072 | 01 | 6.00 | 02 | 845 | 400 | 01 | 310 N | 674379. 1139227 GU | 08 | WATER FROM C-44 N ST. LUCIE RIVER | | | | |
| | | 072 | 01 | 6.00 | 02 | 812 | 400 | 01 | 316 N | 674304. 1137926 GU | 08 | WATER CONTROL DIST. | | | | |

| | | | | | | | | | | |
|-----------|--------|----------|-----------|-----------------|-----|------------------------|---------------------|---------------------|--------------------------------|------------|
| 5600008-3 | 072 01 | 6.00 02 | 800 | 400 | 01 | 350 N | 674187. 1135105 GW | 08 | | |
| 5600008-1 | 061 01 | 24.00 | | | | 5,000 N | 665233. 1140294 SW | 5 | C-44 | |
| 56000015 | 265.85 | 03 | 97.85 02 | 56 11/87 AG BOT | 3 1 | BRAD-RICH GROVE, INC. | | 56 | | |
| 5600015-1 | 082 01 | 12.00 02 | 1285 | 360 | | 1100 N | 638491. 1099979 GW | 08 | C-23:SW BODY, CAP. estimated | |
| 5600015-2 | 082 01 | 6.00 02 | 800 | 200 | | 250 N | 638957. 1100027 GW | 08 | Cap. est. | |
| 5600015-3 | 082 01 | 6.00 02 | 800 | 200 | | 250 N | 639510. 1099987 GW | 08 | " | |
| 5600015-1 | 082 01 | 30.00 | | | | 5000 N | 636792. 1102801 SW | 5 | " C-23 | |
| 56000016 | 432 | 03 | 159 02 | 56 11/88 AG BOT | 6 1 | MCARTHUR FARMS, INC. | | 56 | | |
| 5600016-1 | 082 01 | 8.00 02 | 1220 | 318 | | 600 N | 638988. 1091484 GW | 0 | C-23 SW. BODY WITHDRAWING FROM | |
| 5600016-2 | 082 01 | 6.00 02 | 600 | 280 | | 250 N | 639042. 10900430 GW | 0 | | |
| 5600016-3 | 082 01 | 8.00 02 | 1246 | 331 | | 600 N | 638940. 1089700 GW | 0 | | |
| 5600016-4 | 082 01 | 10.00 02 | 1286 | 323 | | 500 N | 638983. 1087779 GW | 0 | | |
| 5600016-5 | 082 02 | 12.00 02 | 1400 | 400 | | 2,000 N | 636717. 1091584 GW | 0 | | |
| 5600016-6 | 082 02 | 12.00 02 | 1400 | 400 | | 2,000 N | 636670. 1088956 GW | 0 | | |
| 5600016-1 | 082 01 | | | | | 15000 | 639184. 1092159 SW | 5 | Cap estimated,C-25 | |
| 56000017 | 430.06 | 03 | 158.28 02 | 56 3/88 AG BOT | 1 1 | BECKER HOLDING CORP. | | 56 | | |
| 5600017-1 | 071 01 | 8.00 02 | | | | 800 N | 659945. 1149604 GW | 0 | C-25 W.D. WATER SUPPLY | |
| 5600017-1 | 071 01 | 24.00 | | | | 12,000 N | 656610. 1148427 SW | 5 | VIA MAN MADE CANAL,C-25 | |
| 56000018 | 344.04 | 03 | 126.63 02 | 56 3/88 AG BOT | 1 2 | BECKER HOLDING CORP. | | 56 | | |
| 5600018-1 | 082 01 | 6.00 02 | | | | 300 N | 639063. 1064170 GW | 0 | C-23 | |
| 5600018-1 | 082 01 | 30.00 | | | | 25,000 N | 636683. 1067753 SW | 5 | C23 | |
| 5600018-2 | 082 01 | 28.00 | | | | 15,000 N | 636758. 1064106 SW | 5 | C23 | |
| 56000020 | 180.3 | 03 | 66.36 02 | 56 11/87 AG BOT | 2 1 | SALAN GOUDA, N.O. | | 56 | | |
| 5600020-1 | 071 01 | 8.00 02 | | | | 575 | 647864. 1120202 GW | 0 | C-24 SURFACE BODY, CAP est. | |
| 5600020-2 | 071 01 | 8.00 02 | | | | 575 | 649983. 1120370 GW | 0 | Cap. est. | |
| 5600020-1 | 071 01 | 18.00 | | | | 6,000 N | 647235. 1120202 SW | 5 | C-24 | |
| 56000021 | 131.6 | 03 | 48.40 02 | 56 5/88 AG BOT | 4 2 | EVANS PROPERTIES, INC. | | 56 | | |
| 5600021-1 | 082 01 | 6.00 02 | 900 | 360 | | 200 N | 634414. 1081509 GW | 0 | C-23 CANAL SOURCE | |
| 5600021-2 | 082 01 | 6.00 02 | 900 | 360 | | 250 N | 632413. 1081477 GW | 0 | | |
| 5600021-3 | 082 01 | 8.00 02 | 1000 | 360 | | 550 N | 632780. 1080249 GW | 0 | | |
| 5600021-4 | 082 01 | 5.00 02 | 700 | 360 | | 60 N | 631513. 1078994 GW | 0 | | |
| 5600021-1 | 082 01 | 30.00 | | | | 15,000 N | 636460. 1080298 SW | 5 | | |
| 5600021-2 | 082 01 | 16.00 | | | | 6,000 N | 636267. 1080291 SW | 5 | | |
| 5600022 | 132.5 | 03 | 48.40 02 | 56 5/88 AG BOT | 1 1 | EVANS PROPERTIES, INC. | | 56 | | |
| 5600022-1 | 082 01 | 10.00 02 | 1000 | 360 | | 720 N | 632591. 1091089 GW | 0 | C-23 CANAL SOURCE | |
| 5600022-2 | 082 01 | 30.00 | | | | 20,000 N | 636309. 1090982 SW | 5 | S.W. BODY C-25 | |
| 5600023 | 246.3 | 03 | 90.65 02 | 56 3/88 AG SW | 0 1 | BECKER HOLDING CORP. | | 56 | | |
| 5600023-1 | 071 01 | 36.00 | | | | C-24 | 15,000 N | 677471. 10866074 SW | 5 | C-24 CANAL |
| 5600024 | 82.79 | 03 | 30.47 02 | 56 10/88 AG BOT | 1 2 | COLEMAN DAVIS PROJECT, | | 56 | | |
| 5600024-1 | 071 01 | 8.00 02 | 1100 | 250 | | 900 N | 641733. 1142556 GW | 0 | | |
| 5600024-1 | 071 01 | 23.00 | | | | 10,000 N | 641756. 1145203 SW | 5 | | |
| 5600024-2 | 071 01 | 19.00 | | | | 4,000 N | 641756. 1145203 SW | 5 | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. NO. | ALL UNIT NO. | MAX UTS CO | DATE ISS. | USE TYPE | SRCHN. WLS. | PPRS. | OWNER | CO DEV NO. | PERMIT NO. | ADTYPE | SOIL TYPE | ST ACRES | IRR EFFE |
|---|--------------|--------------|--------------|-----------|----------|-------------|---------|----------|------------|------------|--------|-----------|----------|-----------------|
| LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit) | | | | | | | | | | | | | | |
| PERMIT NUMBER | FACILITY NO. | QUAD. NO. | WELL ST.DIA. | DEPTH | PUMP CSD | PUMP TD | PUMP CD | PUMP INT | PUMP TYP | CAP. | MTR? | XPLNR | YPLNR | SRC AQ COMMENTS |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | AN. NO. | ALL UNIT NO. | MAX UTS CO | DATE ISS. | USE TYPE | SRCHN. WLS. | PPRS. | OWNER | CO DEV NO. | PERMIT NO. | ADTYPE | SOIL TYPE | ST ACRES | IRR EFFE |
|---|--------------|--------------|--------------|-----------|----------|-------------|---------|----------|-------------------------|------------|-------------------------------|----------------------------|----------|-----------------|
| LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit) | | | | | | | | | | | | | | |
| PERMIT NUMBER | FACILITY NO. | QUAD. NO. | WELL ST.DIA. | DEPTH | PUMP CSD | PUMP TD | PUMP CD | PUMP INT | PUMP TYP | CAP. | MTR? | XPLNR | YPLNR | SRC AQ COMMENTS |
| 5600025 | 376.39 | 03 | 138.53 | 02 | 56 | 1/88 | AG BOT | 11 1 | EVANS PROPERTIES, INC. | 56 | C-24 CANAL | 56 | | |
| 5600025-1 | 082 01 | 4.00 02 | 84.0 | 225 | | | | | 656170 1090575 | GW | 6 | | | |
| 5600025-2 | 082 02 | 12 02 | 800 | 320 | | | | | 656161 1089135 | GW | 6 | | | |
| 5600025-3 | 082 02 | 12 02 | 800 | 320 | | | | | 656190 1087216 | GW | 6 | | | |
| 5600025-4 | 082 02 | 12 02 | 800 | 320 | | | | | 656170 1086144 | GW | 6 | | | |
| 5600025-5 | 082 02 | 12 02 | 800 | 320 | | | | | 656159 1084849 | GW | 6 | | | |
| 5600025-6 | 082 02 | 12 02 | 800 | 320 | | | | | 656211 1083451 | GW | 6 | | | |
| 5600025-7 | 082 02 | 12 02 | 800 | 320 | | | | | 656099 1082109 | GW | 6 | | | |
| 5600025-8 | 082 02 | 12 02 | 800 | 320 | | | | | 653708 1086180 | GW | 6 | | | |
| 5600025-9 | 082 02 | 12 02 | 800 | 320 | | | | | 653766 1084691 | GW | 6 | | | |
| 5600025-10 | 082 02 | 12 02 | 800 | 320 | | | | | 653824 1083401 | GW | 6 | | | |
| 5600025-11 | 082 02 | 12 02 | 800 | 320 | | | | | 653804 1082108 | GW | 6 | | | |
| 5600025-P | 082 01 | | | | | | | | 30,000 | N | 657474 1091959 | SU | 6 | |
| 5600026 | 231.8 | 03 | 85.32 | 02 | 56 | 11/87 | AG BOT | 2 6 | ORANGE-CO OF FLA., INC. | 56 | C-23 CANAL & INTERNAL DITCHES | 56 | | |
| 5600026-1 | 094 01 | 10 02 | 1300 | 360 | | | | | 644359 1047263 | GW | 6 | | | |
| 5600026-2 | 094 01 | 10 02 | 1300 | 360 | | | | | 644794 1050891 | GW | 6 | | | |
| 5600026-1 | 094 01 | 30 | | | | | | | 647258 1044499 | SW | 5 | | | |
| 5600026-2 | 094 02 | 10 | | | | | | | 647569 1044722 | SW | 5 | | | |
| 5600026-3 | 094 01 | 4.00 | | | | | | | 649278 1046822 | SW | 5 | | | |
| 5600026-4 | 094 01 | 4.00 | | | | | | | 649145 1049335 | SW | 5 | | | |
| 5600026-5 | 094 01 | 25 | | | | | | | 649110 1052275 | SW | 5 | | | |
| 5600026-6 | 094 01 | 25 | | | | | | | 649060 1054624 | SW | 5 | | | |
| 5600027 | 10.972 | 03 | 2671 02 | 56 | 2/89 | AG | | 37 6 | ADAMS RANCH, INC. | 56 | | | | |
| 5600027-1 | 071 01 | 12 02 | 1000 | | | | | | 645861 1129567 | GW | 6 | C-24 CANAL RAULERSON & | | |
| 5600027-2 | 071 01 | 12 02 | | | | | | | 644275 1127662 | GW | 6 | PUMPKIN HAMMOCK CANALS | | |
| 5600027-3 | 070 01 | 8.00 | 02 | | | | | | 619097 1130903 | GW | 6 | TWO ONSITE RETENTION AREAS | | |
| 5600027-4 | 071 01 | 8.00 | 02 | | | | | | 624971 1129685 | GW | 6 | & two reservoirs | | |
| 5600027-5 | 071 01 | 6.00 | 02 | | | | | | 624971 1129685 | GW | 6 | | | |
| 5600027-6 | 071 01 | 6.00 | 02 | | | | | | 631771 1131445 | GW | 6 | | | |
| 5600027-7 | 071 01 | 10 02 | 1100 | | | | | | 631728 1130159 | GW | 6 | | | |
| 5600027-8 | 071 01 | 6.00 | 02 | | | | | | 629186 1131097 | GW | 6 | | | |
| 5600027-9 | 071 01 | 8.00 | 02 | | | | | | 634395 1130694 | GW | 6 | | | |
| 5600027-10 | 071 01 | 8.00 | 02 | | | | | | 635520 1139789 | GW | 6 | | | |
| 5600027-11 | 071 01 | 10 02 | | | | | | | 634962 1127903 | GW | 6 | | | |

| | | | | | | | | | | |
|------------|------------|---------|----------|----------|---------------|----------|----------------|--------------|------------------------------------|--|
| 5600027-12 | 071 01 | 8.00 02 | 1200 | | 250 N | 628200 | 1125069 | GW | 6 | |
| 5600027-13 | 071 01 | 8.00 02 | | | 250 N | 623967 | 1127747 | GW | 6 | |
| 5600027-14 | 070 01 | 12 02 | 600 | | 250 N | 625311 | 1125779 | GW | 6 | |
| 5600027-15 | 071 01 | 8.00 02 | | | 250 N | 619623 | 1123850 | GW | 6 | |
| 5600027-16 | 071 01 | 6.00 02 | | | 250 N | 622932 | 1118925 | GW | 6 | |
| 5600027-17 | 071 01 | 6.00 02 | | | 150 N | 625422 | 1118868 | GW | 6 | |
| 5600027-18 | 071 01 | 8.00 02 | | | 325 N | 631512 | 1120495 | GW | 6 | |
| 5600027-19 | 071 01 | 8.00 02 | | | 250 N | 636680 | 1121497 | GW | 6 | |
| 5600027-20 | 071 01 | 6.00 02 | | | 125 N | 643577 | 1120235 | GW | 6 | |
| 5600027-21 | 071 01 | 10 02 | | | 1900 N | 636941 | 1117291 | GW | 6 | |
| 5600027-22 | 071 01 | 8.00 02 | | | 300 N | 637003 | 1115735 | GW | 6 | |
| 5600027-23 | 071 01 | 8.00 02 | | | 40 N | 637071 | 1110795 | GW | 6 | |
| 5600027-24 | 071 01 | 10 02 | | | 90 N | 625861 | 1114719 | GW | 6 | |
| 5600027-25 | 070 01 | 6.00 02 | | | 1900 N | 625919 | 1115897 | GW | 6 | |
| 5600027-26 | 070 01 | 6.00 02 | 800 | | 200 N | 626197 | 1116325 | GW | 6 | |
| 5600027-27 | 070 01 | 6.00 02 | | | 40 N | 625759 | 1112359 | GW | 6 | |
| 5600027-28 | 070 01 | 6.00 02 | 800 | | 40 N | 630701 | 1110795 | GW | 6 | |
| 5600027-29 | 070 01 | 6.00 02 | 800 | | 90 N | 634642 | 1113460 | GW | 6 | |
| 5600027-30 | 070 01 | 6.00 02 | 800 | | 40 N | 635633 | 1108594 | GW | 6 | |
| 5600027-31 | 070 01 | 6.00 02 | 800 | | 40 N | 637464 | 1110710 | GW | 6 | |
| 5600027-32 | 070 01 | 6.00 02 | 800 | | 40 N | 640310 | 1111645 | GW | 6 | |
| 5600027-33 | 071 01 | 6.00 02 | 800 | | 40 N | 643230 | 1113309 | GW | 6 | |
| 5600027-34 | 071 01 | 6.00 02 | | | 150 N | 641603 | 1113457 | GW | 6 | |
| 5600027-35 | 071 01 | 6.00 02 | | | 250 N | 643155 | 1109756 | GW | 6 | |
| 5600027-36 | 071 01 | 6.00 02 | | | 200 N | 639703 | 1106766 | GW | 6 | |
| 5600027-37 | 071 01 | 8.00 02 | | | 150 N | 614156 | 1116204 | GW | 6 | |
| 5600027-P1 | 071 01 | | | | 300 N | 614156 | 1116204 | GW | 6 | |
| 5600027-P2 | 071 01 | | | | 02 12,000 N | 646779 | 1129308 | SW | 5 | |
| 5600027-P3 | 071 01 | | | | 02 30,000 N | 642995 | 1113645 | SW | 5 | |
| 5600027-P4 | 071 01 | 36 | | | 02 20,000 | 641647 | 1113644 | SW | 5 | |
| 5600027-P5 | 071 01 | 36 | | | 02 30,000 | 640676 | 1120424 | SW | 5 | |
| 5600027-P6 | 071 02 | | | | C-2402 12,000 | 635193 | 1119996 | SW | 5 | |
| | | | | | 02 23,000 | 635193 | 1119996 | SW | 5 | |
| 5600030 | 59.3 | 93 | 51.8 02 | 56 10/87 | AG SW | 12, 0 1 | XRY GROVES | | | |
| | | | 24.00 | | | 12,000 N | 636737. | 1072095 | SW | |
| 5600031 | 5600031-1 | 439 | 04 | 47 02 | 56 10/78 | AG BOT | 2 1 | EARNEST DUNN | | |
| | 5600031-2 | 072 01 | 6.00 02 | | 200 N | 672906 | 1139426 | GW | 6 | |
| | 5600031-3 | 072 01 | 8.00 02 | | 712 N | 671644 | 1137051 | GW | 6 | |
| | | | 12.00 | | 3,000 N | 670676 | 1140155 | SW | 5 C-25 CANAL SURFACE WATER BODY | |
| 5600032 | 5600032-1 | 33.5 | 04 | 56 10/78 | AG BOT | 1 1 | MARCEL GAIGNON | | | |
| | 5600032-15 | 071 01 | 6.00 02 | 900 | GW | 100 N | 653183 | 1124616 | GW | 6 |
| | | | 02 | | SW | 400 N | 653634 | 1124617 | SW | 5 PERMIT SAYS 4000GPM APPLIC. HAS 75+ GPM NSLND CANAL, VACHON FILED APPL. |
| 5600033 | 435.6 | 03 | 36.30 02 | 56 1/86 | AG GW | 3 0 | BERNARD EGAN | | | |
| 5600033 | 5600033-1 | 070 01 | 6.00 02 | 800 | N | 40 | 599399 | 1129064 | GW | 6 |
| | 5600033-2 | 070 01 | 8.00 02 | 1000 | N | 350 | 604614 | 1127160 | GW | 6 |
| | 5600033-3 | 070 01 | 10.00 02 | 100 | 80 02 | 450 | 607415 | 1128898 | GW | 6 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | MAX ID | DATE USE | USE SRCHD. | SW | CROP SOIL | IRR | IRR | | | | | |
|-------------|----------|------------------|--------|----------|------------|-------------|-----------|---------------|-----------------|-----------------|----|------------------------------|------|--|
| PERMIT NO. | NUMBER | MD. SISDIA. | CD | INT TYP | WLS. | PAPS | OWNER | CO PERMIT NO. | DEV NO. | AQTYPE | ST | ACRES | EFF | |
| 5600034 | 25.76 | .03 | 8.80 | .02 | 56 | 12/8/7 | AG | GW | | 3 | 0 | JOHN T. MOOSE | | |
| 5600034-1 | 083 01 | 6.00 | 02 | 1300 | 300 | N | 250 | N | 686398. 1078432 | GW | 08 | Cap. Estimated. | | |
| 5600034-2 | 083 01 | 6.00 | 02 | 1260 | 300 | N | 250 | N | 687946. 1080110 | GW | 08 | | | |
| 5600034-3 | 083 01 | 6.00 | 02 | 90 | 80 | 02 | 400 | N | 687287. 1078741 | GW | 02 | | | |
| 5600035 | 901.97 | .02 | 901.97 | .02 | 56 | 7/8/7 | AG | BOT | | 15 | 10 | GREEN WATER MANAGEMENT, INC. | | |
| 5600035-1 | 060 01 | 8.00 | 02 | 920 | 230 | | 920 | N | 634600 1155200 | GW | 08 | | | |
| 5600035-2 | 060 01 | 8.00 | 02 | 900 | 230 | | 900 | N | 634000 1156800 | GW | 08 | | | |
| 5600035-3 | 060 01 | 8.00 | 02 | 900 | 230 | | 900 | N | 632400 1158200 | GW | 08 | | | |
| 5600035-4 | 060 01 | 8.00 | 02 | 880 | 240 | | 950 | N | 630700 1159400 | GW | 08 | | | |
| 5600035-5 | 060 01 | 8.00 | 02 | 900 | 230 | | 900 | N | 629800 1162600 | GW | 08 | | | |
| 5600035-6 | 060 01 | 8.00 | 02 | 980 | 230 | | 900 | N | 634600 1159200 | GW | 08 | | | |
| 5600035-7 | 060 01 | 8.00 | 02 | 920 | 230 | | 900 | N | 632400 1162400 | GW | 08 | | | |
| 5600035-8 | 060 01 | 8.00 | 02 | 950 | 250 | | 950 | N | 631600 1164600 | GW | 08 | | | |
| 5600035-9 | 060 01 | 8.00 | 02 | 900 | 230 | | 950 | N | 635000 1164000 | GW | 08 | | | |
| 5600035-10 | 060 01 | 8.00 | 02 | 900 | 230 | | 400 | N | 636100 1166000 | GW | 08 | | | |
| 5600035-11 | 060 01 | 8.00 | 02 | 900 | 230 | | 900 | N | 633800 1166800 | GW | 08 | | | |
| 5600035-12 | 060 01 | 8.00 | 02 | 900 | 240 | | 900 | N | 629500 1166800 | GW | 08 | | | |
| 5600035-13 | 060 01 | 8.00 | 02 | 940 | 230 | | 850 | N | 632400 1170000 | GW | 08 | | | |
| 5600035-14 | 060 01 | 8.00 | 02 | 960 | 230 | | 950 | N | 632200 1172000 | GW | 08 | | | |
| 5600035-15 | 060 02 | 8.00 | 02 | 940 | 230 | | 900 | Y | 634000 1161400 | GW | 08 | | | |
| 5600035-101 | 060 01 | 36.00 | | | | | 02 | 25000 | N | 6356000 1151400 | SW | 5 | | |
| 5600035-102 | 060 01 | 20.00 | | | | | 02 | 10000 | N | 631200 1157400 | SW | 5 | | |
| 5600035-103 | 060 01 | 24.00 | | | | | 02 | 15000 | N | 630600 1158000 | SW | 5 | | |
| 5600035-104 | 060 01 | 20.00 | | | | | 02 | 10000 | N | 630800 1159200 | SW | 5 | | |
| 5600035-105 | 060 01 | 36.00 | | | | | 02 | 25000 | N | 627800 1172000 | SW | 5 | | |
| 5600035-106 | 060 01 | 24.00 | | | | | 02 | 15000 | N | 627800 1172000 | SW | 5 | | |
| 5600035-107 | 060 02 | 16.00 | | | | | 02 | 7200 | N | 632750 1159250 | SW | 5 | | |
| 5600035-2P | 060 02 | 16.00 | | | | | 02 | 7200 | N | 629625 1157750 | SW | 5 | | |
| 5600035-3P | 060 02 | 12.00 | | | | | 02 | 5200 | N | 632250 1161500 | SW | 5 | | |
| 5600035-4P | 060 02 | 12.00 | | | | | 02 | 5200 | N | 630875 1163750 | SW | 5 | | |
| 5600036 | 508.25 | .3 | 187 | .02 | 56 | 5/88 AG BOT | 2 | 3 | MABEL CORP | | | | | |
| 5600036-1 | 095 01 | 12.00 | .02 | 1280 | 365 | FLCH.01 | 1100 | N | 655915. 1046855 | GW | 08 | | | |
| 5600036-2 | 095 01 | 12.00 | .02 | 1220 | 327 | FLON01 | 1100 | N | 665847. 1052210 | GW | 08 | | | |
| 5600036-A | 095 01 | 36.00 | | | | | FL0402 | 28000 | N | 665946. 1044714 | SW | 5 | C-23 | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. MD. | WELL SISDIA. | DEPTH CD | PUMP ID | PUMP TYPE | WLS. | CO | INT TYP | CAP. | MTR? | XPLNR SRC | AQ | COMMENTS |
|------------|-----------------|-----------|--------------|----------|---------|-----------|------|-----|---------|------|------|------------------------------|----|----------|
| 5600035 | 901.97 | .02 | 901.97 | .02 | 56 | 7/8/7 | AG | BOT | | 15 | 10 | GREEN WATER MANAGEMENT, INC. | | |

| | | | | | | |
|------------|---------|----------|-----------|---------------------|-------------------------------|--|
| 5600036-A | 095 01 | 36.00 | 02 | 28000 N | 665946. 1044716 SW | 5 |
| 5600036-A | 095 01 | 24.00 | 02 | 10000 N | 665946. 1044716 SW | 5 |
| 5600037 | 53.95 | 03 | 53.95 | 02 | 56 6/87 AG BOT | 3 1 ERNEST DUNN |
| 5600037-1 | 083 01 | 5.00 | 02 | 250 N | 667102. 1094162 GW | 08 Cap. estimated |
| 5600037-2 | 083 01 | 5.00 | 02 | 250 N | 667118. 1093546 GW | 08 " |
| 5600037-3 | 083 01 | 5.00 | 02 | 250 N | 667081. 1092941 GW | 08 " |
| 5600037-4 | 083 01 | 22.00 | | BOX PUM 10000 N | 670330. 1092183 SW | 5 |
| 5600038 | 134 | 03 | .528 01 | 56 4/86 bot | 2 | GENERAL DEV'LPT. CORP DEWATERING-MINING OP. |
| | | 04 | | | | 02 |
| 5600039 | 82.79 | 03 | 30.47 02 | 56 7/87 AG BOT | 1 1 BARNETT GREEN, JR. | 08 |
| 5600039-1 | 071 01 | 10.00 02 | 920 | 250 C-2502 10,000 N | 641889. 1134640 GW | 08 |
| 5600039-4 | 071 01 | 24.00 | | | 642466. 1132408 SW | 5 C-25 |
| 5600040 | 1401.98 | 03 | 516 02 | 56 9/87 AG BOT | 10 6 ALLAPATTAN OPERATING CO. | 08 |
| 5600040-1 | 082 01 | 12.00 02 | 1240 | 340 FLOW | 1383 N | 644481 1076194 G |
| 5600040-2 | 082 01 | 12.00 02 | 1240 | 340 | 1383 N | 647283 1073459 G |
| 5600040-3 | 082 01 | 12.00 02 | 1240 | 340 | 1383 N | 647160 1080767 G |
| 5600040-4 | 082 01 | 12.00 02 | 1240 | 340 | 1383 N | 644397 1070736 G |
| 5600040-5 | 082 01 | 12.00 02 | 1240 | 340 | 1383 N | 647257 1068024 G |
| 5600040-6 | 082 01 | 12.00 02 | 1240 | 340 | 1383 N | 644655 1068085 G |
| 5600040-7 | 082 02 | 12.00 02 | 1300 | 400 | 1383 N | 649968 1075948 G |
| 5600040-8 | 082 02 | 12.00 02 | 1300 | 400 | 1383 N | 649737 1070952 G |
| 5600040-9 | 082 02 | 12.00 02 | 1300 | 400 | 1383 N | 642093 1070627 G |
| 5600040-10 | 082 02 | 12.00 02 | 1300 | 400 | 1383 N | 642001 1066577 G |
| 5600040-11 | 082 01 | 12.00 02 | 1240 | 340 | 25000 N | 644475. 1076231 SW |
| 5600040-12 | 082 01 | 12.00 02 | 1240 | 340 | 25000 N | 645808. 1076305 SW |
| 5600040-13 | 082 01 | 12.00 02 | 1240 | 340 | 25000 N | 646093. 1076306 SW |
| 5600040-14 | 082 01 | 36.00 | GERMANY | HYDRA | 25000 N | 646823. 1076254 SW |
| 5600040-9 | 082 01 | 36.00 | CANAL | FLOW | 25000 N | 642701. 1076206 SW |
| 5600040-5 | 082 01 | 28.00 | | | 18000 N | 645326. 1076300 SW |
| 5600041 | 450.22 | 03 | 138.77 02 | 56 11/87 AG BOT | 1 1 RU-MAR, INC. | 08 |
| 5600041-1 | 094 01 | 8.00 02 | 1030 | 374 FLOW | 575 N | 646424. 1048431 GW |
| 5600041-P | 094 01 | 46.00 | | C-2502 | 28000 N | 6336624. 1059980 SW |
| 5600042 | 342.81 | 03 | .59.02 02 | 56 9/87 AG GW | 1 0 JACQUELYN CARLTON | 08 WELL USED ONLY TO WATER 32 HEAD CATTLE |
| 5600043 | 1091 | 03 | 244.45 02 | 56 9/76 AG GW | 18 N EMERALD RANCH, INC. | 08 |
| 5600043-1 | 70 01 | 8.00 02 | 1200 | 400 FLOW | 575 Y | 612977 1146511 GW |
| 5600043-2 | 71 01 | 8.00 02 | 1200 | 400 FLOW | 575 Y | 622467 1150563 GW |
| 5600043-3 | 70 01 | 8.00 02 | 1200 | 400 FLOW | 575 Y | 620854 1148034 GW |
| 5600043-4 | 70 01 | 6.00 02 | 800 | 300 FLOW | 250 Y | 617708 1145702 GW |
| 5600043-5 | 70 01 | 6.00 02 | 800 | 300 FLOW | 250 Y | 621222 1145309 GW |
| 5600043-6 | 70 01 | 6.00 02 | 1200 | 400 FLOW | 575 Y | 620605 1140866 GW |
| 5600043-7 | 70 01 | 6.00 02 | 800 | 300 FLOW | 250 Y | 617400 1138431 GW |
| 5600043-8 | 70 01 | 6.00 02 | 800 | 300 FLOW | 250 Y | 615571 1137416 GW |
| 5600043-9 | 70 01 | 6.00 02 | 1200 | 400 FLOW | 575 Y | 621151 1136947 GW |
| 5600043-10 | 71 01 | 6.00 02 | 1200 | 400 FLOW | 575 Y | 623583 1138954 GW |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | MD. UTS CO UNIT | DATE ISS. | USE CO. TYPE | SU W.L.S. | PWPS. | OWNER | CO PERMIT NO. | DEV NO. | CROP TYPE | SOIL ST | RAIN | IRR | IRR |
|------------|----------|------------------|-----------------|-----------|--------------|-----------|-------|-------|---------------|---------|-----------|---------|------|-----|-----|
|------------|----------|------------------|-----------------|-----------|--------------|-----------|-------|-------|---------------|---------|-----------|---------|------|-----|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. | DPW SIS/DIA. | PMP COO TD CD | PUM INT TYP CAP. | PUM YPLNR | PUM SRC | AO | COMMENTS |
|------------|-----------------|-----------|----------|--------------|---------------|------------------|-----------|---------|----|----------|
|------------|-----------------|-----------|----------|--------------|---------------|------------------|-----------|---------|----|----------|

| | | | | | | | | | | | | |
|--------------|--------|----------|-----------|----------|--------------|---------|--------------------------|---------|---------|---------------|----------------|--|
| 5600043-11 | | 70 01 | 8.00 02 | 1200 | 400 FLOW | 575 Y | 620714 | 1134603 | GW | 08 | WW | |
| 5600043-12 | | 71 01 | 6.00 02 | 800 | 300 FLOW | 250 Y | 622506 | 1137639 | GW | 08 | WW | |
| 5600043-13 | | 70 01 | 6.00 02 | 1200 | 400 FLOW | 575 Y | 616121 | 1134085 | GW | 08 | WW | |
| 5600043-14 | | 70 01 | 6.00 02 | 1200 | 400 FLOW | 575 Y | 618015 | 1133233 | GW | 08 | WW | |
| 5600043-15 | | 70 01 | 6.00 02 | 1200 | 400 FLOW | 575 Y | 620537 | 1134592 | GW | 08 | WW | |
| 5600043-16 | | 71 01 | 6.00 02 | 800 | 300 FLOW | 575 Y | 623568 | 1143902 | GW | 08 | WW | |
| 5600043-17 | | 70 01 | 6.00 02 | 800 | 300 FLOW | 575 Y | 615913 | 1143778 | GW | 08 | WW | |
| 5600043-18 | | 70 01 | 6.00 02 | 800 | 300 FLOW | 250 Y | 615713 | 1141528 | GW | 08 | WW | |
| 5600044-1 | 116.9 | 03 | 26.19 02 | 56 | 12/87 AG GW | 1 0 | JOANNE C. MURPHRIES | | | 08 | 20 | |
| 5600044-1 | | 082 01 | 6.00 02 | 900 | 200 FLOW | 250 N | 036862 | 1084910 | GW | 08 | Cap. east. | |
| 5600045 | 249.3 | 03 | 55.87 02 | 56 | 12/87 AG | 2 0 | JOANNE C. MURPHRIES | | | 08 | 20 | |
| 5600045-2 | | 082 01 | 6.00 02 | 900 | 200 FLOW | 250 N | 033079 | 1087688 | GW | 08 | Cap. est. | |
| 5600045-3 | | 082 01 | 6.00 02 | 900 | 200 FLOW | 250 N | 029475 | 1090053 | GW | 08 | WW | |
| 5600047 | 238.72 | 03 | 87.86 02 | 56 | 7/88 AG BOT | 1 2 | BLUE GOOSE GROWERS, INC. | | | 08 | 13 | |
| 5600047-1 | 095 01 | 10.00 02 | 1100 | 240 FLOW | 1100 N | 068759 | 1051662 | GW | 08 | | | |
| 5600047-1 | 095 01 | 28.00 | | | | 6000 N | 071092 | 1044479 | SW | 5 | C-23 & ON SITE | |
| 5600047-2 | 095 01 | 28.00 | | | | 12000 N | 071092 | 1044479 | SW | 5 | | |
| 5600048 | 536.31 | 03 | 197.39 02 | 56 | 7/88 AG BOT | 1 2 | BLUE GOOSE GROWERS, INC. | | | 08 | 13 | |
| 5600048-1 | 095 01 | 10.00 02 | 1100 | 260 FLOW | 1100 N | 077112 | 1051928 | GW | 08 | C-23, ON SITE | | |
| 5600048-1 | 095 01 | 28.00 | | | | 15000 N | 076580 | 1044508 | SW | 5 | C-23 | |
| 5600048-2 | 095 01 | 28.00 | | | | 15000 N | 076501 | 1044508 | SW | 5 | C-23 | |
| 5600053 | 2740 | 06 | 314 02 | 56 | 10/77 AG BOT | 2 1 | R.E. TEAGUE | | | 56 | | |
| 5600053-1 | 082 01 | 8.00 02 | 1000 | 320 FLOW | 150 N | 042693 | 1098844 | GW | 08 | C-24 | | |
| 5600053-2 | 082 01 | 4.00 02 | 1000 | | | 35 N | 042768 | 1099129 | GW | 08 | VIA PC-34 | |
| 5600053-PC34 | 082 01 | | | | | 10000 N | 046640 | 1102080 | SW | 5 | C-24 | |
| 5600055 | 758.3 | 03 | 238.7 02 | 56 | 4/88 AG BOT | 2 1 | DAVIS,J.L. & DAVIS,C.T. | | | 08 | 20 | |
| 5600055 | 16.9 | 02 | 4.00 02 | 90 | 84 | 02 | 90 N | 073443 | 1082906 | GW | 02 | |
| 5600055-1 | 083 01 | | | | | 02 N | 073201 | 1083342 | GW | 02 | | |
| 5600055-2 | 083 01 | 6.00 02 | 90 | 84 | | 10000 N | 077442 | 1086110 | SW | 5 | | |
| 5600055-PUMP | 083 01 | 24.00 | | | | | | | | 02 | 20 | |
| | | | | | | | | | | .6 | 11 | |
| | | | | | | | | | | .75 | .5 | |

| | | | | | | | | | |
|--------------|---------|----------|--------|------|--------|-----------------|--------|------------------|----------------------------|
| 5600060 | 469.15 | 03 | 172.67 | 02 | 56 | 7/88 | AG BOT | 2 4 | JOHN H. BIRDSEAL |
| 5600060-1 | 071 01 | 10.00 02 | 900 | 275 | FLOW | 1300 | N | 644324. 1134518 | GW 08 |
| 5600060-2 | 071 01 | 6.00 | 800 | 275 | FLOW | 1300 | N | 644310. 1134145 | GW 08 |
| 5600060-1 | 071 01 | 36.00 | | | | 15000 | N | 646764. 1136716 | SW 5 |
| 5600060-2 | 071 01 | 36.00 | | | | 10000 | N | 646698. 1139286 | SW 5 |
| 5600060-3 | 071 01 | 36.00 | | | | 15000 | N | 646751. 1141793 | SW 5 |
| 5600060-4 | 071 01 | 36.00 | | | | 32000 | N | 644322. 1145053 | SW 5 |
| 5600062 | 237.7 | 03 | 87.49 | 02 | 56 | 10/87 | AG BOT | 4 1 | SEXTON GROVE SERVICE, INC. |
| 5600062-1 | 082 01 | 6.00 02 | 890 | 275 | FLOW | 250 | N | 640665. 1081050 | GW 08 Cap. estimated |
| 5600062-2 | 082 01 | 5.00 02 | 815 | 270 | FLOW | 250 | N | 640667. 1079701 | GW 08 |
| 5600062-3 | 082 01 | 5.00 02 | 850 | 265 | FLOW | 250 | N | 640374. 1077729 | GW 08 |
| 5600062-4 | 082 01 | 8.00 02 | 975 | 265 | FLOW | 575 | N | 640877. 1077040 | GW 08 |
| 5600062-1 | 082 01 | 24.00 | | | P.I.O. | 20000 | N | 640723. 1076500 | SW 5 |
| 5600063 | 82.1 | 03 | 32.22 | 02 | 56 | 1/88 | AG SW | 0 1 | BERNARD EGAN |
| 5600063-1 | 083 01 | 24.00 | | | COUCH | 9000 | N | 671233. 1091745 | SW 5 |
| 5600064 | 31.28 | 03 | 11.51 | 02 | 56 | 8/87 | AG SW | 0 1 | BERTA C. HATES GROVE |
| 5600064-A | 083 01 | 24.00 | | | COUCH | 10000 | N | 673847. 1089268 | SW 5 |
| 5600065 | 275.97 | 03 | 101.57 | 02 | 56 | 11/87 | AG BOT | 3 1 | ROBERT BADENHOP CORP. |
| 5600065-1 | 095 01 | 6.00 02 | 950 | 445 | FLOW | 200 | N | 671452. 1051917 | GW 08 |
| 5600065-2 | 095 01 | 6.00 02 | 950 | 445 | FLOW | 200 | N | 671463. 1049682 | GW 08 |
| 5600065-3 | 095 01 | 6.00 02 | 950 | 445 | FLOW | 200 | N | 672548. 1049226 | GW 08 |
| 5600065-PUMP | 095 01 | 22.00 | | | FLOW | 16000 | N | 673597. 1044583 | SW 5 |
| 5600066 | 1260 | 03 | 104 | 02 | 56 | 3/77 | AG GW | 4 0 | RU-MAR, INC. |
| 5600066-1 | 081 02 | 8.00 02 | FLW | 600 | | 617229. 1093697 | GW 08 | | |
| 5600066-2 | 081 02 | 8.00 02 | FLW | 600 | | 619312. 1090674 | GW 08 | | |
| 5600066-3 | 081 02 | 8.00 02 | FLW | 600 | | 619327. 1085524 | GW 08 | | |
| 5600066-4 | 081 02 | 8.00 02 | FLW | 600 | | 619342. 1080576 | GW 08 | | |
| 5600067 | 221.7 | 03 | 74.83 | 02 | 56 | 1/88 | AG BOT | 1 1 | GOLDEN GROVES |
| 5600067 | 082 01 | 10.00 02 | | | | 850 | N | 638610. 1082970 | GW 08 Cap. estimated |
| 5600067-1 | 082 01 | 36.00 | | | | 18000 | N | 6366687. 1082946 | SW 5 C-23 |
| 5600068 | 62.09 | 03 | 22.85 | 02 | 56 | 3/77 | AG GW | 3 0 | EDSALL GROVES, INC. |
| 5600068-1 | 082 01 | 8.00 02 | 1500 | 325 | FLOW | 1300 | N | 640510. 1092897 | GW 08 |
| 5600068-2 | 082 01 | 8.00 02 | 1500 | 331 | FLOW | 1300 | N | 640513. 1094210 | GW 08 |
| 5600068-3 | 082 01 | 5.00 02 | 900 | 340 | FLOW | 175 | N | 639404. 1094758 | GW 08 |
| 5600069 | 1533.43 | 03 | 309.67 | 02 | 56 | 3/77 | AG GW | 7 0 | STARK, WILLIAM D. |
| 5600069-1 | 083 01 | 8.00 02 | 1000 | FLOW | | 650 | N | 665335. 1083767 | GW 08 |
| 5600069-2 | 083 01 | 4.00 02 | 450 | FLOW | | 90 | N | 667155. 1079836 | GW 08 |
| 5600069-3 | 083 01 | 8.00 02 | 1000 | FLOW | | 760 | N | 664450. 1079522 | GW 08 |
| 5600069-4 | 082 01 | 4.00 02 | 450 | FLOW | | 15 | N | 660837. 1080219 | GW 08 |
| 5600069-5 | 092 01 | 8.00 02 | 1000 | FLOW | | 610 | N | 661658. 1076746 | GW 08 |
| 5600069-6 | 082 01 | 4.00 02 | 450 | FLOW | | 20 | N | 660773. 1075027 | GW 08 |
| 5600069-7 | 082 01 | 8.00 02 | 1000 | FLOW | | 613 | N | 661383. 1073009 | GW 08 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | MAX UNIT NO. | DATE ISS. | USE SRCNO. | SW | COD | INT | TYP | CAP. | MTR? | XPLNR | YPLNR | SRC | OWNER | CO PERMIT NO. | DEV NO. | AQTYPE | ST | ACRES | EFF |
|------------|-----|------------------|--------------|-----------|------------|----|-----|-----|-----|------|------|-------|-------|-----|-------|---------------|---------|--------|----|-------|-----|
|------------|-----|------------------|--------------|-----------|------------|----|-----|-----|-----|------|------|-------|-------|-----|-------|---------------|---------|--------|----|-------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL STDIA. | DEPTH | PUMP CO | PUMP TYP | PUMP CAP. | INT | TYP | CAP. | MTR? | XPLNR | YPLNR | SRC | OWNER | COMMENTS |
|------------|-----------------|-----------|-------------|-------|---------|----------|-----------|-----|-----|------|------|-------|-------|-----|-------|----------|
|------------|-----------------|-----------|-------------|-------|---------|----------|-----------|-----|-----|------|------|-------|-------|-----|-------|----------|

| | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------|----------|-----------|----------|-------|--------|---------|----------|---|-------------|--|-----------------|------|----|----|-----|----|------|-------|----|--|
| 5600070 | | 299.89 | 03 | 26.12 02 | 56 | 7/77 | AG BOT | 2 | 1 | 0450 GROVES | | | | | 08 | 20 | .8 | 11 | 345.8 | .5 | |
| 5600070-1 | 082 01 | 082 01 | 6.00 02 | 1000 | 340 | FLOW | 550 | 636281. | 107503 | GW | 08 | Cap. estimated | | | | | | | | | |
| 5600070-2 | 082 01 | 082 01 | 6.00 02 | 1000 | 340 | FLOW | 550 | 631938. | 1077043 | GW | 08 | | | | | | | | | | |
| 5600070-1 | 082 01 | 30.00 02 | | | | | 18000 | 636285. | 1076399 | SW | 5 | C-23 | | | | | | | | | |
| 5600071 | 262.4 | 03 | 89.21 02 | 56 | 9/87 | AG BOT | 4 | 1 | 0.L. SCOTTO & CO., INC. | | | | | 08 | 13 | .8 | 11 | 310 | .5 | | |
| 5600071-1 | 082 01 | 082 01 | 8.00 02 | 1000 | 200 | FLOW | 704 | 633959. | 1090680 | GW | 08 | | | | | | | | | | |
| 5600071-2 | 082 01 | 10.00 02 | 1000 | 200 | FLOW | 480 | 633908. | 1089369 | GW | 08 | | | | | | | | | | | |
| 5600071-3 | 082 01 | 082 01 | 6.00 02 | 1000 | 200 | FLOW | 360 | 632876. | 1089460 | GW | 08 | | | | | | | | | | |
| 5600071-4 | 082 01 | 8.00 02 | 1000 | 200 | FLOW | 603 | 633915. | 1088216 | GW | 08 | | | | | | | | | | | |
| 5600071-5 | 082 01 | 30.00 | | | | | 15000 | 635958. | 1092071 | SW | 5 | C-24 | | | | | | | | | |
| 5600072 | 39.1 | 03 | 14.39 02 | 56 | 7/87 | AG GM | 2 | 0 | H.E. RUSSELL (RUSSELL BROTHERS. GROVE) | | | | | 08 | 13 | .8 | 11 | 85 | .85 | | |
| 5600072-A | 062 01 | 6.00 02 | 1200 | | | | N | 704820. | 1170055 | GW | 08 | | | | | | | | | | |
| 5600072-B | 062 01 | 6.00 02 | 1200 | | | | N | 707143. | 1169074 | GW | 08 | | | | | | | | | | |
| 5600073 | 257.57 | 03 | 96.80 02 | 56 | 7/87 | AG BOT | 3 | 1 | J.V. D'ALBORA CO. | | | | | 08 | 13 | .8 | 11 | 560 | .85 | | |
| 5600073-1 | 082 01 | 5.00 02 | 500 | 300 | | | 250 | 632394. | 1087442 | GW | 08 | Cap. estimated. | | | | | | | | | |
| 5600073-2 | 083 01 | 5.00 02 | 500 | 300 | | | 250 | 632976. | 1081870 | GW | 08 | " | | | | | | | | | |
| 5600073-3 | 082 01 | 8.00 02 | 1000 | 600 | | | 575 | 630651. | 1083901 | GW | 08 | " | | | | | | | | | |
| 5600073-713 | 082 01 | 24.00 | | | | | SURF02 | 80000 | 630666. | 1092036 | SW | 5 | C-24 | | | | | | | | |
| 5600074 | 199.37 | 03 | 735.88 02 | 56 | 1/88 | AG BOT | 8 | 1 | SOUTHERN FRUIT DISTRIIB., INC. (BLUEBIRD GROVE) | | | | | 08 | 13 | .8 | 11 | 2557 | .5 | | |
| 5600074-1 | 094 01 | 10.00 02 | 1300 | 370 | | | 850 | 634794. | 1053208 | GW | 08 | Cap. estimated. | | | | | | | | | |
| 5600074-2 | 094 01 | 10.00 02 | 970 | 363 | | | 850 | 634881. | 1050702 | GW | 08 | " | | | | | | | | | |
| 5600074-3 | 094 01 | 6.00 02 | 1100 | 340 | | | 250 | 637976. | 1049203 | GW | 08 | " | | | | | | | | | |
| 5600074-4 | 094 01 | 10.00 02 | 1380 | 360 | | | 850 | 639761. | 1050772 | GW | 08 | " | | | | | | | | | |
| 5600074-5 | 094 01 | 10.00 02 | 1320 | 360 | | | 850 | 639788. | 1053763 | GW | 08 | " | | | | | | | | | |
| 5600074-6 | 094 01 | 10.00 02 | 1020 | 411 | | | 850 | 640177. | 1046004 | GW | 08 | " | | | | | | | | | |
| 5600074-7 | 094 01 | 12.00 02 | | | | | 1100 | 6355117. | 1046855 | GW | 08 | " | | | | | | | | | |
| 5600074-8 | 094 01 | 12.00 02 | | | | | 1100 | 6355032. | 1049035 | GW | 08 | " | | | | | | | | | |
| 5600074-1 | 094 01 | | | | | | 8000 | 634789. | 1044531 | SW | 5 | C-23 | | | | | | | | | |
| 5600075 | 313.93 | 03 | 122.9 02 | 56 | 10/87 | AG BOT | 3 | 0 | WESTWOOD GROVES, INC. | | | | | 08 | 13 | 1.5 | 11 | 726 | .85 | | |
| 5600075-A | 060 01 | 8.00 02 | 1000 | 300 | FLOW | 575 | 639037. | 1165755 | GW | 08 | SURF. WATER FROM ON SITE 80 ACRE RESERV., Cap est. | | | | | | | | | | |
| 5600075-B | 060 01 | 8.00 02 | 1000 | 300 | FLOW | 575 | 630184. | 1164308 | GW | 08 | S.V. FROM C-25 CANAL VIA MINUTE MAIN CANAL, | " | | | | | | | | | |

| | | | | | | | |
|-----------|-------------|------------------------------|---|--------------------------------------|---|----------------------|--------------------|
| 5600075-C | 060 01 | 0.00 02 1000 | 300 FLOW | 575 | 650978. 1160144 GW 08 4 PUMPS FOR DRAINAGE ONLY (ONEWAY), | " | 02 13 .8 11 288 .5 |
| 5600076 | 375.3 | 03 225.19 02 56 11/88 AG BOT | 6 2 MCNAUTUR FARMS, INC. (GROVE #3) | | | 02 13 .8 11 288 .5 | |
| 5600076 | 5600076-1 | 082 01 150.13 02 55 N/A 01 | 280 N | 659320. 1082197 GW 02 | | | |
| | 5600076-2 | 082 01 6.00 02 55 N/A 01 | 280 N | 659292. 1083533 GW 02 | | | |
| | 5600076-3 | 082 01 6.00 02 55 N/A 01 | 280 N | 659290. 1084905 GW 02 | | | |
| | 5600076-4 | 082 01 6.00 02 55 N/A 01 | 280 N | 659280. 1086172 GW 02 | | | |
| | 5600076-5 | 082 01 6.00 02 55 N/A 01 | 280 N | 659175. 1088795 GW 02 | | | |
| | 5600076-6 | 082 02 12.00 02 400 | 2000 N | 658986. 1081626 GW 02 | | | |
| | 5600076-7 | 082 01 36.00 | 21000 N | 658024. 1092032 SW 5 | C-24 | | |
| | 5600076-2 | 082 01 36.00 | 21000 N | 660277. 1092048 SW 5 | C-24 | | |
| 5600077 | 1282.35 | 03 471.98 02 56 4/77 AG BOT | 2 9 ALLAPATTAH WATER MANAGEMENT | | | 08 13 .8 12 1640 .5 | |
| | 5600077-1 | 082 01 8.00 02 1500 | 340 FLOW | 575 N | 651256. 1062096 GW 08 Cap est. | | |
| | 5600077-12 | 082 01 5.00 02 ? | ? FLOW | 250 N | 642504. 1060762 GW 08 | | |
| | 5600077-35 | 082 01 01 | 14.01 | 27000 N | 651080. 1060487 SW 5 | | |
| | 5600077-55 | 082 01 01 | 16.01 | 10000 N | 649004. 1060479 SW 5 | | |
| | 5600077-65 | 082 01 01 | 14.01 | 26000 N | 648643. 1060478 SW 5 | | |
| | 5600077-85 | 082 01 01 | 14.01 | 15000 N | 647199. 1060473 SW 5 | | |
| | 5600077-105 | 082 01 01 | 16.01 | 15000 N | 644582. 1060463 SW 5 | | |
| | 5600077-135 | 082 01 01 | 14.01 | 15000 N | 641964. 1060454 SW 5 | | |
| | 5600077-155 | 082 01 01 | 14.01 | 15000 N | 639076. 1060464 SW 5 | | |
| | 5600077-165 | 082 01 01 | 14.01 | 10000 N | 636420. 1060437 SW 5 | | |
| | 5600077-175 | 082 01 01 | 14.01 | 15000 N | 636808. 1063971 SW 5 | | |
| 5600078 | 250.21 | 03 92.09 02 56 5/87 AG BOT | 2 1 S.H. KNIGHT & SONS, INC. (JO-GROVE) | | | 08 13 1.5 11 320 .5 | |
| | 5600078-1 | 082 01 12.00 02 1330 | 300 FLOW | 1600 N | 649394. 1079067 GW 08 | | |
| | 5600078-2 | 082 01 10.00 02 1330 | 300 FLOW | 1200 N | 647476. 1079121 GW 08 | | |
| | 5600078-1 | 082 01 24.00 | 18000 N | 649792. 1076671 SW 5 | C-23 | | |
| 5600079 | 758.5 | 03 279.02 02 56 7/87 AG BOT | 5 5 BRAD-RICH GROVES, INC. | | | 08 13 .8 11 970 .5 | |
| | 5600079-1 | 082 01 5.00 02 800 | 400 FLOW | 250 N | 650057. 1065549 GW 08 Cap. estimated | | |
| | 5600079-2 | 082 01 12.00 02 1225 | 380 | 1100 N | 652222. 1069442 GW 08 | | |
| | 5600079-3 | 082 01 12.00 02 1330 | 385 | 1100 N | 650139. 1072698 GW 08 | | |
| | 5600079-4 | 082 01 12.00 02 1300 | 360 | 1100 N | 652332. 1076092 GW 08 | | |
| | 5600079-5 | 082 01 5.00 02 800 | 300 | 250 N | 650191. 1079560 GW 08 | | |
| | 5600079-1 | 082 01 23.00 | -- | 10000 N | 652221. 1070228 SW 5 | C-23 | |
| | 5600079-2 | 082 01 28.00 | -- | 15500 N | 650552. 1070990 SW 5 | C-23 | |
| | 5600079-3 | 082 01 28.00 | -- | 15500 N | 650360. 1079047 SW 5 | C-23 | |
| | 5600079-4 | 082 01 23.00 | -- | 10000 N | 650282. 1076174 SW 5 | C-23 | |
| | 5600079-5 | 082 01 28.00 | -- | 15500 N | 650259. 1078551 SW 5 | C-23 | |
| 5600080 | 137.99 | 03 50.79 02 3/88 AG BOTH | 4 1 MYERS GROVES, INC. (CITRUS GROVE) | | | 08 13 3.6 12 300 .85 | |
| | 5600080-1 | 082 01 8.00 02 1000 | 300 -- 01 | 1000 N | 637876. 1077023 GW 08 | | |
| | 5600080-2 | 082 01 8.00 02 1000 | 300 -- 01 | 1000 N | 636971. 1079221 GW 08 | | |
| | 5600080-3 | 082 01 8.00 02 1000 | 300 -- 01 | 1000 N | 638196. 1081583 GW 08 | | |
| | 5600080-4 | 082 01 12.00 02 1000 | 300 -- 01 | 2500 N | 637850. 1079110 GW 08 | | |
| | 5600080-5 | 082 01 30.00 | -- 02 | 10000 N | 636872. 1079073 SW 5 | C-23 | |
| | 5600082 | 1591.9 | 03 270.52 02 56 2/88 AG BOT | 13 0 D.L. SCOTT/MECCOTT GROVES, INC. | | 08 13 1.5 11 940 .5 | |
| | 5600082 | 192.06 | | | | 08 20 1.5 11 1100 .5 | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. NO. | MAX UTS | MAX CO | DATE ISS. NO. | USE CO | SRNO. | SN | PUMP TYP. | PUMP CAP. | WELL TYPE | CD | INT | MAX. UNIT NO. | MAX. UNIT NO. | CROP SOIL TYPE | ST ACRES | IRR | RAIN | EFF |
|------------|---------|---------|--------|---------------|--------|-------|----|-----------|-----------|-----------|----|-----|---------------|---------------|----------------|----------|-----|------|-----|
| PERMIT NO. | AN. NO. | MAX UTS | MAX CO | DATE ISS. NO. | USE CO | SRNO. | SN | PUMP TYP. | PUMP CAP. | WELL TYPE | CD | INT | MAX. UNIT NO. | MAX. UNIT NO. | CROP SOIL TYPE | ST ACRES | IRR | RAIN | EFF |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NUMBER | FACILITY NO. | QUAD. SISDIA. | WELL NO. | DEPTH DPTH | MAX. CAP. MAX. CAP. | CD CO | TYP. TYP. | PUMP PUMP | PUMP PUMP | YPLN. YPLN. | SRC SRC | AQ AQ | OWNER COMMENTS |
|---------------|--------------|---------------|----------|------------|---------------------|-------|-----------|-----------|-----------|-------------|---------|-------|----------------|
|---------------|--------------|---------------|----------|------------|---------------------|-------|-----------|-----------|-----------|-------------|---------|-------|----------------|

| | | | | | | | | | | | | | | | | | | | |
|--------------|--------|-------|--------|-------|-------|------|------|-----|---------|---------|---------------------------|----|---|--|--|--|--|--|--|
| 56000082-1 | 070 01 | 6.00 | 02 | N/A | N/A | FLOW | 121 | N | 609822. | 1128749 | GW | 08 | | | | | | | |
| 56000082-2 | 070 01 | 6.00 | 02 | N/A | N/A | FLOW | 121 | N | 612271. | 1120558 | GW | 08 | | | | | | | |
| 56000082-3 | 070 01 | 6.00 | 02 | N/A | N/A | FLOW | 121 | N | 614194. | 1118795 | GW | 08 | | | | | | | |
| 56000082-4 | 070 01 | 4.00 | 02 | N/A | N/A | FLOW | 53 | N | 61615. | 111873 | GW | 08 | | | | | | | |
| 56000082-5 | 070 01 | 4.00 | 02 | N/A | N/A | FLOW | 53 | N | 615946. | 1121142 | GW | 08 | | | | | | | |
| 56000082-6 | 070 01 | 6.00 | 02 | N/A | N/A | FLOW | 121 | N | 616127. | 1129592 | GW | 08 | | | | | | | |
| 56000082-7 | 070 01 | 4.00 | 02 | N/A | N/A | FLOW | 53 | N | 616541. | 1123761 | GW | 08 | | | | | | | |
| 56000082-8 | 070 01 | 6.00 | 02 | N/A | N/A | FLOW | 53 | N | 612470. | 1126196 | GW | 08 | | | | | | | |
| 56000082-9 | 070 01 | 4.00 | 02 | N/A | N/A | FLOW | 121 | N | 616590. | 1120149 | GW | 08 | | | | | | | |
| 56000082-10 | 070 01 | 6.00 | 02 | N/A | N/A | FLOW | 121 | N | 614084. | 1120872 | GW | 08 | | | | | | | |
| 56000082-11 | 070 01 | 6.00 | 02 | N/A | N/A | FLOW | 121 | N | 612689. | 1123363 | GW | 08 | | | | | | | |
| 56000082-12 | 070 01 | 4.00 | 02 | N/A | N/A | FLOW | 53 | N | 616762. | 1126445 | GW | 08 | | | | | | | |
| 56000082-13 | 070 01 | 12.00 | 02 | N/A | N/A | FLOW | 53 | N | 612749. | 1122639 | GW | 08 | | | | | | | |
| 56000083 | 638 45 | 03 | 122.23 | 02 | 56 | -- | AG | GW | 4 | 0 | B.E. ALDERMAN RANCH, INC | | | | | | | | |
| 56000083-1 | 070 01 | 6.00 | 02 | UNIK. | UNIK. | FLOW | 250 | N | 602108. | 1144557 | GW | 08 | CAP. est. | | | | | | |
| 56000083-2 | 070 01 | 6.00 | 02 | UNIK. | UNIK. | FLOW | 250 | N | 599219. | 1150113 | GW | 08 | " | | | | | | |
| 56000083-3 | 059 01 | 6.00 | 02 | UNIK. | UNIK. | FLOW | 250 | N | 599487. | 1153764 | GW | 08 | " | | | | | | |
| 56000083-4 | 059 01 | 6.00 | 02 | UNIK. | UNIK. | FLOW | 250 | N | 595727. | 1154275 | GW | 08 | " | | | | | | |
| 56000084 | 943.5 | 03 | 169.3 | 02 | 56 | 6777 | AG | BOT | 16 | 6 | \$TRAZULLA BROTHERS, INC. | | | | | | | | |
| 56000084 | | | 612.66 | | | | | | | | | | | | | | | | |
| 56000084-2 | 061 01 | 6.00 | 02 | 740 | 440 | FLOW | 100 | N | 670754. | 1167199 | GW | 08 | | | | | | | |
| 56000084-3 | 061 01 | 4.00 | 02 | 750 | 450 | FLOW | 60 | N | 671296. | 1163394 | GW | 08 | | | | | | | |
| 56000084-4 | 061 01 | 6.00 | 02 | 750 | 450 | FLOW | 60 | N | 671219. | 1163667 | GW | 08 | YARD IRRIGATION ONLY. | | | | | | |
| 56000084-5 | 061 01 | 6.00 | 02 | 800 | 440 | 0 01 | 140 | N | 671057. | 1159627 | GW | 08 | | | | | | | |
| 56000084-7 | 072 01 | 6.00 | 02 | 800 | 440 | FLOW | 200 | N | 666750. | 1149463 | GW | 08 | | | | | | | |
| 56000084-8 | 061 01 | 6.00 | 02 | 800 | 440 | FLOW | 200 | N | 666756. | 1154661 | GW | 08 | | | | | | | |
| 56000084-9 | 061 03 | 5.00 | 02 | 700 | 500 | FLOW | 100 | N | 665032. | 1157865 | GW | 08 | | | | | | | |
| 56000084-10 | 061 01 | 6.00 | 02 | 700 | 500 | FLOW | 90 | N | 667272. | 1160520 | GW | 08 | | | | | | | |
| 56000084-11 | 061 03 | 8.03 | 02 | 900 | 900 | FLOW | 200 | N | 667431. | 1165368 | GW | 08 | | | | | | | |
| 56000084-12 | 061 03 | 8.00 | 02 | 900 | 900 | FLOW | 150 | N | 666889. | 1165870 | GW | 08 | | | | | | | |
| 56000084-13 | 061 01 | 5.00 | 02 | 700 | 500 | FLOW | 60 | N | 662650. | 1167872 | GW | 08 | | | | | | | |
| 56000084-14 | 060 01 | 6.00 | 02 | 700 | 500 | FLOW | 200 | N | 660935. | 1171978 | GW | 08 | FROM HERE DOWN PLANAR, Cap & Loc. estimated | | | | | | |
| 56000084-PH1 | ? 02 | 12.00 | 02 | 850 | 500 | FLOW | 1100 | N | 660935. | 1171978 | GW | 08 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-------------|--------|----------|----------|-----------------|--------|--------------------------------|---------|-----------------|--------------------------------------|----|---|---|---|---|---|--|
| | | | | | | | | | | | | | | | | |
| 5600084-P42 | ? 02 | 12.00 02 | 850 | 500 FLOW | 1100 N | 660935. | 1171976 | GW | 06 COORDINATES SUPPLIED ON PERMIT, " | " | " | " | " | " | " | |
| 5600084-P43 | ? 02 | 12.00 02 | 850 | 500 FLOW | 1100 N | 660935. | 1171976 | GW | 06 NOT PLOTTED DIRECTLY ON MAP, | " | " | " | " | " | " | |
| 5600084-P44 | ? 02 | 12.00 02 | 850 | 500 FLOW | 1100 N | 660935. | 1171976 | GW | 06 Loc & cap, estimated | " | " | " | " | " | " | |
| 5600084-151 | ? 02 | 01 | 01 | 20 01 | 3000 | 660935. | 1171976 | SW | 06 Loc & cap, estimated | " | " | " | " | " | " | |
| 5600084-152 | ? 02 | 01 | 01 | 20 01 | 3000 | 660935. | 1171976 | SW | 06 Loc & cap, estimated | " | " | " | " | " | " | |
| 5600084-153 | ? 02 | 01 | 01 | 20 01 | 3000 | 660935. | 1171976 | SW | 06 Loc & cap, estimated | " | " | " | " | " | " | |
| 5600084-154 | ? 02 | 01 | 01 | 20 01 | 3000 | 660935. | 1171976 | SW | 06 Loc & cap, estimated | " | " | " | " | " | " | |
| 5600084-155 | ? 02 | 01 | 01 | 20 01 | 3000 | 660935. | 1171976 | SW | 06 Loc & cap, estimated | " | " | " | " | " | " | |
| 5600084-156 | ? 02 | 01 | 01 | 20 01 | 3000 | 660935. | 1171976 | SW | 06 Loc & cap, estimated | " | " | " | " | " | " | |
| | | | | | | | | | | | | | | | | |
| 5600085 | 4546 | 03 | 17.18 01 | 56 11/05 PWS GW | 43 0 | FT. PIERCE UTILITIES AUTHORITY | | | | | | | | | | |
| 5600085-N1 | 073 01 | 10.00 02 | 92 | 45 N/A 02 | 350 Y | 710326. 1130034 | GW | 02 | | | | | | | | |
| 5600085-N2 | 073 01 | 10.00 02 | 116 | 49 N/A 02 | 350 Y | 710377. 1130487 | GW | 02 | | | | | | | | |
| 5600085-N3 | 073 01 | 10.00 02 | 116 | 49 N/A 02 | 350 Y | 710366. 1131064 | GW | 02 | | | | | | | | |
| 5600085-N4 | 073 01 | 10.00 02 | 110 | 56 N/A 02 | 350 Y | 710305. 1131503 | GW | 02 | | | | | | | | |
| 5600085-N5 | 073 01 | 10.00 02 | 113 | 65 N/A 02 | 350 Y | 710333. 1132120 | GW | 02 | | | | | | | | |
| 5600085-N6 | 073 01 | 10.00 02 | 113 | 65 N/A 02 | 350 Y | 710348. 1132609 | GW | 02 | | | | | | | | |
| 5600085-N7 | 073 01 | 10.00 02 | 113 | 72 N/A 02 | 350 Y | 710320. 1130034 | GW | 02 | | | | | | | | |
| 5600085-N8 | 073 04 | --- | 02 | --- | --- | N/A 02 | 350 Y | 710271. 1133130 | GW | 02 | | | | | | |
| 5600085-N9 | 073 01 | 10.00 02 | 129 | 70 N/A 02 | 350 Y | 710456. 1133477 | GW | 02 | | | | | | | | |
| 5600085-N10 | 073 01 | 10.00 02 | 114 | 68 N/A 02 | 350 Y | 710247. 1133970 | GW | 02 | | | | | | | | |
| 5600085-N11 | 073 01 | 10.00 02 | 100 | 54 N/A 02 | 350 Y | 710216. 1134770 | GW | 02 | | | | | | | | |
| 5600085-N12 | 073 01 | 10.00 02 | 106 | 56 N/A 02 | 350 Y | 710251. 1135146 | GW | 02 | | | | | | | | |
| 5600085-N13 | 073 01 | 10.00 02 | 110 | 60 N/A 02 | 350 Y | 710261. 1136112 | GW | 02 | | | | | | | | |
| 5600085-N14 | 073 01 | 10.00 02 | 101 | 57 N/A 02 | 350 Y | 710255. 1136384 | GW | 02 | | | | | | | | |
| 5600085-N15 | 073 01 | 16.00 02 | 105 | 53 N/A 02 | 700 Y | 710159. 1137073 | GW | 02 | | | | | | | | |
| 5600085-N16 | 073 01 | 16.00 02 | 105 | 52 N/A 02 | 700 Y | 711634. 1139771 | GW | 02 | | | | | | | | |
| 5600085-N17 | 073 01 | 16.00 02 | 105 | 52 N/A 02 | 700 Y | 711231. 1139756 | GW | 02 | | | | | | | | |
| 5600085-N18 | 073 01 | 16.00 02 | 110 | 65 N/A 02 | 700 Y | 710795. 1139790 | GW | 02 | | | | | | | | |
| 5600085-N19 | 073 01 | 16.00 02 | 110 | 62 N/A 02 | 550 Y | 710339. 1139801 | GW | 02 | | | | | | | | |
| 5600085-N20 | 073 01 | 16.00 02 | 110 | 55 N/A 02 | 350 Y | 709929. 1139765 | GW | 02 | | | | | | | | |
| 5600085-N21 | 073 01 | 16.00 02 | 110 | 50 N/A 02 | 350 Y | 709427. 1139795 | GW | 02 | | | | | | | | |
| 5600085-S1 | 073 01 | 10.00 02 | 105 | 49 N/A 02 | 350 Y | 708935. 1139796 | GW | 02 | | | | | | | | |
| 5600085-S2A | 073 01 | 10.00 02 | 111 | 61 N/A 02 | 350 Y | 710024. 1129982 | GW | 02 | | | | | | | | |
| 5600085-S4 | 073 01 | 12.00 02 | 97 | 60 N/A 02 | 300 Y | 710409. 1129266 | GW | 02 | | | | | | | | |
| 5600085-S5 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 200 Y | 710864. 1125864 | GW | 02 | | | | | | | | |
| 5600085-S6 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 200 Y | 711366. 1125859 | GW | 02 | | | | | | | | |
| 5600085-S7 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 300 Y | 711963. 1125922 | GW | 02 | | | | | | | | |
| 5600085-S8A | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 600 Y | 712192. 1125049 | GW | 02 | | | | | | | | |
| 5600085-S9 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 350 Y | 712589. 1125917 | GW | 02 | | | | | | | | |
| 5600085-S10 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 325 Y | 713593. 1125891 | GW | 02 | | | | | | | | |
| 5600085-S11 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 200 Y | 713299. 1125380 | GW | 02 | | | | | | | | |
| 5600085-S12 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 400 Y | 713301. 1124832 | GW | 02 | | | | | | | | |
| 5600085-S13 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 300 Y | 713233. 1124318 | GW | 02 | | | | | | | | |
| 5600085-S14 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 450 Y | 713837. 1124348 | GW | 02 | | | | | | | | |
| 5600085-S15 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 325 Y | 714211. 1124360 | GW | 02 | | | | | | | | |
| 5600085-S16 | 073 01 | 16.00 02 | 105 | 65 N/A 02 | 500 Y | 714475. 1124404 | GW | 02 | | | | | | | | |
| 5600085-S17 | 073 02 | 10.00 02 | 105 | 65 N/A 02 | 350 Y | 712050. 1125420 | GW | 02 | | | | | | | | |
| 5600085-S18 | 073 02 | 10.00 02 | 105 | 65 N/A 02 | 350 Y | 714067. 1123617 | GW | 02 | | | | | | | | |
| 5600085-S19 | 073 01 | 10.00 02 | 105 | 70 N/A 02 | 350 Y | 714416. 1125622 | GW | 02 | | | | | | | | |
| 5600085-S20 | 073 01 | 10.00 02 | 105 | 70 N/A 02 | 350 Y | 709538. 1130542 | GW | 02 | | | | | | | | |
| 5600085-S21 | 073 01 | 10.00 02 | 105 | 70 N/A 02 | 350 Y | 709820. 1130567 | GW | 02 | | | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information, and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX MO. | | DATE USE SRCNO. | SW | CROP SOIL MAIN | IRR | IRR |
|---------------|-------------|-------------|----|-----------------|----|----------------|-----|-----|
| | | UTS | CO | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. | | DPTH | PUMP PUMP | PHP CO CD | INT CO ISS. | TYP | CAP. | MTR? | YPLNR | SRC | AQ | COMMENTS |
|---------------|--------------------|-------|---------|------|-----------|-----------|-------------|-----|------|------|-------|-----|----|----------|
| | | NO. | STORIA. | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|-------------|--------------|--------|--------|-------|------|-------|--------|---------|---------|--------------------------|----------|---------|---------|----------------|----|
| 5600085-W6 | 073 01 | 10.00 | 02 | 105 | 70 | 50 | 02 | 350 | Y | 709599. | 1130155 | GW | 02 | CAP. estimated | |
| 5600085-F61 | 073 02 | 10.00 | 02 | 700 | 600 | W/A | 02 | 350 | Y | 709586. | 1130246 | GW | 08 | | |
| 5600086 | 179 04 | 03 | 66.19 | 02 | 56 | 7/88 | AG SW | 0 | 1 | NESTER, ROBERT J. | 1111 | | | | |
| 5600086 | 5600086-1 | 071 01 | 28.00 | --- | --- | --- | N/A | 15000 | N | 647756. | 1141874 | SU | 5 | C-25 | |
| 5600087 | 165 77 | 03 | 61.01 | 02 | 56 | 7/88 | AG SW | 0 | 1 | CHAPLIN, FRANKLIN W. | | | | | |
| 5600087 | 5600087-1 | 071 01 | 3.00 | --- | --- | --- | N/A | 15000 | N | 656128. | 1150569 | SU | 5 | C-25 | |
| 5600088 | 461.26 | 03 | 169.44 | 02 | 56 | 7/87 | AG BOT | 4 | 2 | TREASURE COAST GROVES | | | | | |
| 5600088 | 5600088-11 | 71 01 | 20.31 | 6.00 | 02 | 1000 | 300 | --- | FLO | 170 | N | 645913. | 1115130 | GW | 08 |
| 5600088 | 5600088-12 | 71 01 | 6.00 | 02 | 1000 | 300 | --- | FLO | 600 | N | 645223. | 1118797 | GW | 08 | |
| 5600088 | 5600088-3 | 71 01 | 12.00 | 02 | 1000 | 300 | --- | FLO | 1300 | N | 6449851. | 1117535 | GW | 08 | |
| 5600088 | 5600088-4 | 71 01 | 12.00 | 02 | 1000 | 300 | --- | FLO | 1500 | N | 643226. | 1117763 | GW | 08 | |
| 5600088 | 5600088-1 | 71 01 | 36.00 | --- | --- | --- | --- | --- | 25000 | N | 642068. | 1113843 | SU | 5 | |
| 5600088 | 5600088-2 | 71 01 | 36.00 | --- | --- | --- | --- | --- | 25000 | N | 645655. | 1113061 | SU | 5 | |
| 5600089 | 1421.29 | 03 | 447.61 | 02 | 56 | 9/77 | AG SW | 0 | 13 | FLORIDA MAID CITRUS CORP | | | | | |
| 5600089 | 5600089-P1 | 71 01 | 75.5 | 24.00 | 02 | 12000 | N | 641123. | 1146101 | SU | | | | | |
| 5600089 | 5600089-IP1 | 71 01 | 0.00 | 0.00 | 02 | 1000 | N | 637418. | 1149004 | SU | | | | | |
| 5600089 | 5600089-1P2 | 60 01 | 6.00 | 0.00 | 02 | 1000 | N | 636418. | 1152628 | SU | | | | | |
| 5600089 | 5600089-1P3 | 60 01 | 6.00 | 0.00 | 02 | 1000 | N | 636409. | 1155152 | SU | | | | | |
| 5600089 | 5600089-1P4 | 60 01 | 6.00 | 0.00 | 02 | 1000 | N | 636400. | 1157879 | SU | | | | | |
| 5600089 | 5600089-1P5 | 60 01 | 6.00 | 0.00 | 02 | 1000 | N | 636553. | 1165756 | SU | | | | | |
| 5600089 | 5600089-1P6 | 60 01 | 6.00 | 0.00 | 02 | 1000 | N | 636638. | 1167271 | SU | | | | | |
| 5600089 | 5600089-1P7 | 60 01 | 6.00 | 0.00 | 02 | 1000 | N | 636716. | 1170906 | SU | | | | | |
| 5600089 | 5600089-1P8 | 71 01 | 6.00 | 0.00 | 02 | 500 | N | 641142. | 1148385 | SU | | | | | |
| 5600089 | 5600089-1P9 | 60 01 | 8.00 | 0.00 | 01 | 1800 | N | 636563. | 1162928 | SU | | | | | |
| 5600089 | 5600089-1P10 | 60 01 | 8.00 | 0.00 | 01 | 1800 | N | 636682. | 1160201 | SU | | | | | |
| 5600089 | 5600089-1P11 | 60 01 | 8.00 | 0.00 | 01 | 1800 | N | 641235. | 1165671 | SU | | | | | |
| 5600089 | 5600089-1P12 | 60 01 | 8.00 | 0.00 | 01 | 1800 | N | 641230. | 1166984 | SU | | | | | |
| 5600089 | 5600089-1P13 | 60 01 | 8.00 | 0.00 | 01 | 1800 | N | 641217. | 1170720 | SU | | | | | |
| 5600090 | 815.54 | 03 | 300.16 | 02 | 56 | 7/87 | AG BOT | 13 | 1 | CHARLES CAMPBELL | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|------------|-----------|---------|---------|---------|---------|---------|---------|---------|----------------|-------------------|--|---------|---|----------------|---------|---------|---------|---------|---------|
| 5600090-1 | 72.01 | 6.00 | 02 | 924 | 150 | FLOWING | 575 | N | 674333. | 1169938 | GW | 08 | CAP. ESTIMATED | | | | | | |
| 5600090-2 | 61.01 | 4.00 | 02 | 700 | 150 | FLOWING | 100 | N | 675740. | 1169927 | GW | 08 | " | | | | | | |
| 5600090-3 | 61.01 | 8.00 | 02 | 1100 | 150 | FLOWING | 575 | N | 677658. | 116991 | GW | 08 | " | | | | | | |
| 5600090-4 | 61.01 | 8.00 | 02 | 1100 | 150 | FLOWING | 575 | N | 674148. | 1167174 | GW | 08 | " | | | | | | |
| 5600090-5 | 61.01 | 8.00 | 02 | 700 | 150 | FLOWING | 575 | N | 675752. | 1167192 | GW | 08 | " | | | | | | |
| 5600090-6 | 61.01 | 8.00 | 02 | 1004 | 150 | FLOWING | 575 | N | 676923. | 1167133 | GW | 08 | " | | | | | | |
| 5600090-7 | 61.01 | 8.00 | 02 | 1100 | 150 | FLOWING | 575 | N | 678225. | 1167120 | GW | 08 | " | | | | | | |
| 5600090-8 | 61.01 | 8.00 | 02 | 1164 | 150 | FLOWING | 575 | N | 673762. | 1164159 | GW | 08 | " | | | | | | |
| 5600090-9 | 61.01 | 8.00 | 02 | 700 | 150 | FLOWING | 575 | N | 676004. | 1164546 | GW | 08 | " | | | | | | |
| 5600090-10 | 61.01 | 8.00 | 02 | 700 | 150 | FLOWING | 575 | N | 677519. | 1164582 | GW | 08 | " | | | | | | |
| 5600090-11 | 61.01 | 8.00 | 02 | 700 | 150 | FLOWING | 575 | N | 673878. | 1161823 | GW | 08 | " | | | | | | |
| 5600090-12 | 61.01 | 6.00 | 02 | 700 | 150 | FLOWING | 250 | N | 675314. | 1161828 | GW | 08 | " | | | | | | |
| 5600090-13 | 61.01 | 8.00 | 02 | 1120 | 150 | FLOWING | 575 | N | 675849. | 1161340 | GW | 08 | " | | | | | | |
| 5600090-1 | 72.01 | ... ... | ... ... | ... ... | 35000 | 671123. | 1160756 | SW | 5 | C25, | SURF. PUMP NOT ON PROP BOUNDS, SHARING | 08 | .13 | .8 | 11 | 605 | .5 | | |
| 5600091 | 2872.13 | 03 | 605 | 02 | 56 | 9/77 | AG BOT | 18 | 1 | ALCO GROVES, INC. | 08 | .13 | .8 | 11 | 260 | .8 | | | |
| 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 | 5600091 |
| 5600091-1 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-2 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-3 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-4 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-5 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-6 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-7 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-8 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-9 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-10 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-11 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-12 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-13 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-14 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-15 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-16 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 | 061.01 |
| 5600091-17 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-18 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600091-P1 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 | 072.01 |
| 5600092 | 185.04 | 03 | 149.02 | 56 | 9/77 | AG BOT | 4 | 1 | MARINEZ GROVES | 08 | .13 | .8 | 11 | 149 | .5 | | | | |
| 5600092 | 5600092-1 | 061.01 | 16.00 | 02 | 1300 | 320 | FLO | 1500 | N | 682078. | 1151395 | GW | 08 | CAP. ESTIMATED | | | | | |
| 5600092-2 | 061.01 | 16.00 | 02 | 1100 | 320 | FLO | 1500 | N | 679051. | 1152345 | GW | 08 | " | | | | | | |
| 5600092-3 | 061.01 | 5.00 | 02 | 1100 | 300 | FLO | 250 | N | 679016. | 1151381 | GW | 08 | " | | | | | | |
| 5600092-4 | 061.01 | 5.00 | 02 | 1100 | 300 | FLO | 250 | N | 680187. | 1151386 | GW | 08 | " | | | | | | |
| 5600092-5 | 061.01 | 12.00 | 02 | 980 | 320 | FLO | 1100 | N | 683699. | 1151402 | GW | 08 | " | | | | | | |
| 5600092-6 | 061.02 | 5.00 | 02 | 1000 | 300 | FLO | 250 | N | 679366. | 1153457 | GW | 08 | " | | | | | | |
| 5600092-7 | 061.02 | 5.00 | 02 | 1000 | 300 | FLO | 250 | N | 681082. | 1153457 | GW | 08 | ONE 12,000 GPM PUMP NO FUTURE ACCESS TO WATER | | | | | | |
| 5600093 | 5600093-6 | 61.01 | 14.00 | 02 | N/A | N/A | | 2000 | N | 679102. | 1158007 | GW | 08 | | | | | | |
| 5600093-10 | 61.01 | 14.00 | 02 | N/A | N/A | | 2000 | N | 679046. | 1155099 | GW | 08 | | | | | | | |
| 5600093-8 | 61.01 | 6.00 | 02 | N/A | N/A | | 400 | N | 680213. | 1156040 | GW | 08 | | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | ALL MAX UNIT NO. | DATE USE SICNO. | SW | CO ISS. | UTS CO | PWPS | OWNER | CROP | SOIL | RAIN | IRR | EFF | |
|------------|--------|------------------|------------------|-----------------|-----|--------------|--------|--------|-------|---------|------------|--------------------------------|--|-----|---|
| PERMIT NO. | NUMBER | QUAD. | WELL NO. | DEPTH SISDIA. | CD | INT TYP CAP. | MTR? | XPLNR | SRC | AQ | PERMIT NO. | DEV NO. | AQTYPE | ST | ACRES |
| 5600093-9 | 61 01 | 6.00 | 02 N/A | N/A | | | | | | 400 | W | 680185. | 1155335 | GW | 06 |
| 5600093-1 | 61 01 | 6.00 | | | | | | | | 35000 | N | 680485. | 1155335 | SW | 5 C-25, PUMP SHARED BY 3 PROPERTIES, LOC IS GUESS |
| 5600096 | 1573-2 | 03 | 579 | 03 | 02 | 56 | 7/87 | AG BOT | | 21 | 6 | ORANGE-CO. OF FLORIDA, INC. | | | |
| 5600096-1 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 669618. | 1141525 | GW | 08 Capacities estimated |
| 5600096-2 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 668896. | 1143099 | GW | 08 |
| 5600096-3 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 668896. | 1144573 | GW | 08 |
| 5600096-4 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 669312. | 1146423 | GW | 08 |
| 5600096-5 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 667057. | 1146451 | GW | 08 |
| 5600096-6 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 661060. | 1146605 | GW | 08 |
| 5600096-7 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 667113. | 1143067 | GW | 08 |
| 5600096-8 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 667153. | 1141516 | GW | 08 |
| 5600096-9 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664528. | 1141569 | GW | 08 |
| 5600096-10 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664599. | 1143099 | GW | 08 |
| 5600096-11 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664583. | 1146443 | GW | 08 |
| 5600096-12 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664556. | 1146446 | GW | 08 |
| 5600096-13 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 666387. | 1146376 | GW | 08 |
| 5600096-14 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 660459. | 1144534 | GW | 08 |
| 5600096-15 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 666529. | 1143096 | GW | 08 |
| 5600096-16 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 666567. | 1141366 | GW | 08 |
| 5600096-17 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 656934. | 1141436 | GW | 08 |
| 5600096-18 | 71 01 | 20.00 | --- | --- | --- | --- | --- | --- | | 650 | | 666376. | 1146376 | GW | 08 |
| 5600096-19 | 71 01 | 42.00 | --- | --- | --- | --- | --- | --- | | 650 | | 664599. | 1144534 | GW | 08 |
| 5600096-20 | 71 01 | 24.00 | --- | --- | --- | --- | --- | --- | | 650 | | 656928. | 1146394 | GW | 08 |
| 5600096-21 | 72 01 | 6.00 | 02 | 600 | 300 | FLO | | | | 250 | | 669784. | 1145329 | GW | 08 |
| 5600096-22 | 72 01 | 42.00 | --- | --- | --- | --- | 02 | 25,000 | | 670539. | | 1140991 | SW | 5 | C-25 |
| 5600096-23 | 72 01 | 20.00 | --- | --- | --- | --- | 02 | 8,000 | | 670543. | | 1140696 | SW | 5 | C-25 |
| 5600096-24 | 71 01 | 42.00 | --- | --- | --- | --- | 02 | 25,000 | | 662849. | | 1140767 | SW | 5 | C-25 |
| 5600096-25 | 71 01 | 24.00 | --- | --- | --- | --- | 02 | 10,000 | | 656323. | | 1140703 | SW | 5 | C-25 |
| 5600096-26 | 71 01 | 42.00 | --- | --- | --- | --- | 02 | 25,000 | | 658869. | | 1140719 | SW | 5 | C-25 |
| 5600096-27 | 72 01 | 20.00 | --- | --- | --- | --- | 02 | 8,000 | | 658869. | | 1140719 | SW | 5 | C-25 |
| 5600097 | 142.0 | 03 | 0.50 | 01 | 56 | 10/77 | PWS | | | 3 | 0 | SPANISH LAKES MOBILE HOME PARK | | | |
| 5600097-1 | 84 01 | 8.00 | 02 | 80 | 60 | 02 | | | | 220 | Y | 723941. | 1084664 | GW | 02 |
| 5600097-2 | 84 01 | 8.00 | 02 | 80 | 60 | 02 | | | | 220 | Y | 723949. | 1085831 | GW | 02 |
| 5600097-3 | 84 01 | 8.00 | 02 | 80 | 60 | 02 | | | | 220 | Y | 724460. | 1084436 | GW | 02 |
| | | | | | | | | | | | | | ORIGINAL WELL PLUGGED, REPLACED BY: R-2 WELL | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | NUMBER | QUAD. | WELL NO. | DEPTH SISDIA. | CD | INT TYP CAP. | MTR? | XPLNR | SRC | AQ | PERMIT NO. | DEV NO. | AQTYPE | ST | ACRES |
|------------|--------|-------|----------|---------------|-----|--------------|------|--------|-----|---------|------------|--|---------|----|---|
| 5600093-9 | 61 01 | 6.00 | 02 N/A | N/A | | | | | | 400 | W | 680185. | 1155335 | GW | 06 |
| 5600093-1 | 61 01 | 6.00 | | | | | | | | 35000 | N | 680485. | 1155335 | SW | 5 C-25, PUMP SHARED BY 3 PROPERTIES, LOC IS GUESS |
| 5600096 | 1573-2 | 03 | 579 | 03 | 02 | 56 | 7/87 | AG BOT | | 21 | 6 | ORANGE-CO. OF FLORIDA, INC. | | | |
| 5600096-1 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 669618. | 1141525 | GW | 08 Capacities estimated |
| 5600096-2 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 668896. | 1143099 | GW | 08 |
| 5600096-3 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 668896. | 1144573 | GW | 08 |
| 5600096-4 | 72 01 | 6.00 | 02 | 1000 | 400 | FLO | | | | 575 | | 669312. | 1146423 | GW | 08 |
| 5600096-5 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 667057. | 1146451 | GW | 08 |
| 5600096-6 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 661060. | 1146605 | GW | 08 |
| 5600096-7 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 667113. | 1143067 | GW | 08 |
| 5600096-8 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 667153. | 1141516 | GW | 08 |
| 5600096-9 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664528. | 1141569 | GW | 08 |
| 5600096-10 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664599. | 1143099 | GW | 08 |
| 5600096-11 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664583. | 1146443 | GW | 08 |
| 5600096-12 | 72 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 664556. | 1146446 | GW | 08 |
| 5600096-13 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 666387. | 1146376 | GW | 08 |
| 5600096-14 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 660459. | 1144534 | GW | 08 |
| 5600096-15 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 666529. | 1143096 | GW | 08 |
| 5600096-16 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 666567. | 1141366 | GW | 08 |
| 5600096-17 | 71 01 | 10.00 | 02 | 1000 | 660 | FLO | | | | 650 | | 656934. | 1141436 | GW | 08 |
| 5600096-18 | 71 01 | 20.00 | --- | --- | --- | --- | --- | --- | | 650 | | 666376. | 1146376 | GW | 08 |
| 5600096-19 | 71 01 | 42.00 | --- | --- | --- | --- | --- | --- | | 650 | | 664599. | 1144534 | GW | 08 |
| 5600096-20 | 71 01 | 24.00 | --- | --- | --- | --- | --- | --- | | 650 | | 656928. | 1146394 | GW | 08 |
| 5600096-21 | 72 01 | 6.00 | 02 | 600 | 300 | FLO | | | | 250 | | 669784. | 1145329 | GW | 08 |
| 5600096-22 | 72 01 | 42.00 | --- | --- | --- | --- | 02 | 25,000 | | 670539. | | 1140991 | SW | 5 | C-25 |
| 5600096-23 | 72 01 | 20.00 | --- | --- | --- | --- | 02 | 8,000 | | 670543. | | 1140696 | SW | 5 | C-25 |
| 5600096-24 | 72 01 | 42.00 | --- | --- | --- | --- | 02 | 25,000 | | 662849. | | 1140767 | SW | 5 | C-25 |
| 5600096-25 | 71 01 | 24.00 | --- | --- | --- | --- | 02 | 10,000 | | 656323. | | 1140703 | SW | 5 | C-25 |
| 5600096-26 | 71 01 | 42.00 | --- | --- | --- | --- | 02 | 25,000 | | 658869. | | 1140719 | SW | 5 | C-25 |
| 5600096-27 | 72 01 | 20.00 | --- | --- | --- | --- | 02 | 8,000 | | 658869. | | 1140719 | SW | 5 | C-25 |
| 5600097 | 142.0 | 03 | 0.50 | 01 | 56 | 10/77 | PWS | | | 3 | 0 | SPANISH LAKES MOBILE HOME PARK | | | |
| 5600097-1 | 84 01 | 8.00 | 02 | 80 | 60 | 02 | | | | 220 | Y | 723941. | 1084664 | GW | 02 |
| 5600097-2 | 84 01 | 8.00 | 02 | 80 | 60 | 02 | | | | 220 | Y | 723949. | 1085831 | GW | 02 |
| 5600097-3 | 84 01 | 8.00 | 02 | 80 | 60 | 02 | | | | 220 | Y | 724460. | 1084436 | GW | 02 |
| | | | | | | | | | | | | ORIGINAL WELL PLUGGED, REPLACED BY: R-2 WELL | | | |

| | | | | | | | |
|-------------|------------|----------|-------------|-------------|-------------|------------|---------------------------------|
| 5600116-3 | 082 01 8 | 02 1200 | 360 FLOWFLO | 1000 | NO 633702. | 107090 | GW 08 |
| 5600116-4 | 082 01 6 | N/A/N/A | N/A FLOWFLO | 180 | NO 631422. | 1073021 | GW 08 |
| 5600116-5 | 082 01 6 | N/A/N/A | N/A FLOWFLO | 75 | NO 634648. | 1070060 | GW 08 |
| 5600116-6A | 082 01 10 | 02 800 | 367 FLOWFLO | 1500 | NO 632948. | 1067715 | GW 08 |
| 5600116-7 | 094 01 6 | N/A/N/A | N/A FLOWFLO | 700 | NO 633513. | 1065212 | GW 08 |
| 5600116-8 | 094 01 8 | 02 1250 | 395 FLOWFLO | 1000 | NO 635329. | 1062743 | GW 08 |
| 5600116-9 | 094 01 6 | N/A/N/A | N/A FLOWFLO | 180 | NO 628107. | 1063558 | GW 08 |
| 5600116-10 | 094 01 12 | 02 960 | 620 FLOWFLO | 1100 | NO 621762. | 1069374 | GW 08 |
| 5600116-11 | 094 01 12 | 02 920 | 611 FLOWFLO | 1100 | NO 636010. | 1045177 | GW 08 |
| 5600116-12 | 082 01 6 | N/A/N/A | N/A FLOWFLO | 180 | NO 630892. | 1071769 | GW 08 |
| 5600116-13 | 082 01 16 | 02 1430 | 406 FLOWFLO | 1500 | NO 637425. | 1034646 | GW 08 |
| 5600116-14 | 082 01 10 | 02 1114 | 370 FLOWFLO | 800 | NO 626902. | 1066754 | GW 08 |
| 5600116-15 | 082 01 10 | 02 1114 | 360 FLOWFLO | 800 | NO 629950. | 1046457 | GW 08 |
| 5600116-16 | 082 01 10 | 02 1120 | 380 FLOWFLO | 700 | NO 628920. | 1060615 | GW 08 |
| 5600116-17 | 094 01 10 | 02 1135 | 380 FLOWFLO | 800 | NO 633761. | 1056287 | GW 08 |
| 5600116-18 | 094 01 10 | 02 1100 | 395 FLOWFLO | 800 | NO 629935. | 1058559 | GW 08 |
| 5600116-19 | 094 01 10 | 02 1100 | 360 FLOWFLO | 800 | NO 633875. | 1058449 | GW 08 |
| 5600116-20 | 094 01 10 | 02 1050 | 480 FLOWFLO | 800 | NO 634201. | 1051266 | GW 08 |
| 5600116-21 | 094 01 10 | 02 1100 | 350 FLOWFLO | 800 | NO 635370. | 1042719 | GW 08 Cap is estimate |
| 5600116-22 | 082 01 10 | 02 1100 | 350 FLOWFLO | 800 | NO 624671. | 1064219 | GW 08 |
| 5600116-23 | 082 01 10 | 02 1100 | 350 FLOWFLO | 800 | NO 629784. | 1084726 | GW 08 |
| 5600116-24 | 082 01 10 | 02 1100 | 350 FLOWFLO | 800 | NO 632487. | 1061719 | GW 08 |
| 5600116-25 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | NO 634843. | 1034751 | GW 08 |
| 5600116-26 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | NO 635801. | 1033867 | GW 08 |
| 5600116-27 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | NO 634847. | 1032881 | GW 08 |
| 5600116-28 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | NO 634904. | 1031357 | GW 08 |
| 5600116-29 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | NO 631922. | 1062895 | GW 08 |
| 5600116-P1 | 092 01 ... | ... | ... | 5000 | NO 636427. | 1073943 | SW 99 C-23, Cap is GUESS, 2-WAY |
| 5600116-P2 | 082 01 ... | ... | ... | 5000 | NO 636467. | 1061673 | SW 99 C-23, Cap is GUESS, 2-WAY |
| 5600116W | 1028 .32 | 03 | 299,99 02 | 56 | 3/89 AG BOT | 19 | 4 E.C. LUMSFORD |
| 5600118-1 | 083 01 | 8.00 02 | 900 | 250 FLOWFLO | 305 | NO 679433. | 1092533 |
| 5600118-2 | 083 01 | 8.00 02 | 900 | 250 FLOWFLO | 305 | NO 682910. | 1094667 |
| 5600118-4 | 083 01 | 8.00 02 | 900 | 250 FLOWFLO | 305 | NO 685131. | 1103913 |
| 5600118-6 | 083 01 | 8.00 02 | 100 | ... FLOWFLO | 300 | NO 685639. | 1102536 |
| 5600118-7 | 083 01 | 8.00 02 | 100 | ... FLOWFLO | 300 | NO 684690. | 1097723 |
| 5600118-9 | 083 01 | 10.00 02 | 100 | 90 FLOWFLO | 300 | NO 684198. | 1097638 |
| 5600118-10 | 083 01 | 4.00 02 | 80 | 57 FLOWFLO | 350 | NO 680566. | 1097051 |
| 5600118-5 | 083 01 | 8.00 02 | 900 | ... FLOWFLO | 305 | NO 681976. | 1099896 |
| 5600118-6 | 083 01 | 4.00 02 | 900 | 300 FLOWFLO | 305 | NO 684105. | 1101854 |
| 5600118-16 | 083 01 | 8.00 02 | 900 | 300 FLOWFLO | 150 | NO 693973. | 1103510 |
| 5600118-17 | 083 01 | 4.00 02 | 900 | 300 FLOWFLO | 305 | NO 684078. | 1104956 |
| 5600118-11A | 083 01 | 4.00 02 | 57 | ... ... | 150 | NO 684100. | 1102575 |
| 5600118-11B | 083 01 | 4.00 02 | 57 | ... ... | 220 | NO 684271. | 1102611 |
| 5600118-18 | 083 01 | 4.00 02 | 57 | ... ... | 220 | NO 684271. | 1102611 |
| 5600118-12A | 083 01 | 4.00 02 | 57 | ... ... | 220 | NO 684271. | 1102611 |
| 5600118-12B | 083 01 | 4.00 02 | 57 | ... ... | 220 | NO 684271. | 1102611 |
| 5600118-13A | 083 01 | 4.00 02 | 57 | ... ... | 140 | NO 681939. | 1099415 |
| 5600118-13B | 083 01 | 4.00 02 | 57 | ... ... | 140 | NO 682116. | 1099422 |
| 5600118-14 | 083 01 | 8.00 02 | 80 | ... ... | 550 | NO 690996. | 1100023 |
| 5600118-15 | 083 01 | 8.00 02 | 80 | ... ... | 10000 | NO 691496. | 1100355 |
| 5600118-16 | 083 01 | 8.00 02 | 80 | ... ... | 10000 | NO 681940. | 1098885 |
| 5600118-20 | 083 01 | ... ... | ... ... | ... ... | 10000 | NO 681940. | 1098885 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | MAX. USE SRSNO. | SW | CO | UTS CO | SS. | TYPE | WLS. | PHPS | OWNER | PERMIT NO. | DEV NO. | AQTYPE | TYPE | ST | ACRES | EFF |
|------------|-----|------------------|-----------------|----|----|--------|-----|------|------|------|-------|------------|---------|--------|------|----|-------|-----|
|------------|-----|------------------|-----------------|----|----|--------|-----|------|------|------|-------|------------|---------|--------|------|----|-------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. SISDA. | DPTN COD | PUMP ID | PUMP PUMP | INT TIP CAP. | WPLNR | SRC | AO | COMMENTS |
|------------|-----------------|-----------|-----------------|----------|---------|-----------|--------------|-------|-----|----|----------|
|------------|-----------------|-----------|-----------------|----------|---------|-----------|--------------|-------|-----|----|----------|

| | | | | | | | | | | | | | | | | | | |
|------------|-----------|----|---------|------|------|--------|---------|---------|----------|-------------------------------|----------------------|----------------------------|----|--|--|--|--|--|
| 5600104-1 | | 61 | 01 | 4.00 | 02 | N/A | N/A | FLOWING | 80 | 688161. | 1153046 | GW 08 | | | | | | |
| 5600105W | 26.59 | 03 | 9.70 | 02 | 56 | 12/77 | AG | BOT | 1 | MARNER GROVES, INC. | | 56 | | | | | | |
| 5600105-1 | 61 | 01 | 5.00 | 02 | 800 | 300 | FLOW | 200 N | 688651. | 1151526 | GW 08 | | | | | | | |
| 5600105-P1 | 61 | 01 | 24.00 | 01 | | 7.75 | 1 | | | 689278. | 1152236 | SW 99 CANAL #1 TAYLOR CRK. | | | | | | |
| 5600106W | 1288 | 03 | 4.74 | 02 | 56 | 3/69 | AG | GW | 10 | SENIOROLE GROVES | | 56 | | | | | | |
| 5600106-6 | 72 | 01 | 6.00 | 02 | 800 | 300 | --- | 01 | 500 N | 699041. | 1141795 | GW 08 | | | | | | |
| 5600107W | 61.48 | 03 | 10.16 | 02 | 56 | -- | AG | GW | 40 | MCIVER, LARRY L. | | 56 | | | | | | |
| 5600107-1 | 72 | 01 | 4.00 | 02 | ? | ? | 01 | 80 N | 692623. | 1149826 | GW 08 | | | | | | | |
| 5600107-2 | 72 | 01 | 5.00 | 02 | | ? | 01 | 150 N | 692807. | 1148718 | GW 08 | | | | | | | |
| 5600107-3 | 72 | 01 | 6.00 | 02 | | FLOW | 200 N | | 693434. | 1149529 | GW 08 | | | | | | | |
| 5600107-4 | 72 | 01 | 6.00 | 02 | | FLOW | 200 N | | 694156. | 1149533 | GW 08 | | | | | | | |
| 5600111W | 2921 | 03 | 23.02 | 02 | 56 | 7/87 | AG | BOT | 11 | COCA-COLA FOODS (CLOUD GROVE) | | 56 | | | | | | |
| 5600111W | | | | | | | | | | | | 56 | | | | | | |
| 5600111-A | 60 | 01 | 10.00 | 02 | 785 | 285 | FLOWING | 850 N | 645871. | 1159199 | GW 08 Cap. Is guess | | | | | | | |
| 5600111-B | 71 | 01 | 23.00 | 02 | .... | .... | .... | 1000 N | 641566. | 1146515 | SW 99 C-25 | | | | | | | |
| 5600112W | 5600112-1 | 72 | 04 | 6.92 | 02 | 56 | 2/78 | AG | GW | 10 | CLEORA & LINN NELSON | | 56 | | | | | |
| 5600113-2 | 61 | 01 | 4.00 | N/A | N/A | N/A | FLOWING | 200 N | 687057. | 1155080 | GW 08 | | | | | | | |
| 5600114W | 32.84 | 03 | 12.09 | 02 | 56 | 12/78 | AG | BOT | 11 | MARNEZ GROVES | | 56 | | | | | | |
| 5600113-1 | 61 | 01 | 5.00 | 02 | 800 | 300 | FLOW | 300 N | 687555. | 1154954 | GW 08 | | | | | | | |
| 5600114-1 | 61 | 01 | 4.00 | 02 | 800 | 10.201 | 10000 N | 687559. | 1153945 | SW 99 | | | | | | | | |
| 5600114-2 | 61 | 01 | 4.00 | 02 | 800 | 150 | --- | 01 | 100 N | 689331. | 1166777 | GW 08 | | | | | | |
| 5600116W | 3524.16 | 03 | 1297.09 | 02 | 56 | 6/89 | AG | BOT | 29 | EVANS PROPERTIES (BLUE | | 56 | | | | | | |
| 5600116-1 | 082 | 01 | 6 | 02 | 1200 | N/A | FLOWING | 200 N | 629065. | 1075448 | GW 08 | | | | | | | |
| 5600116-2 | 082 | 01 | 8 | 02 | 1200 | 340 | FLOWING | 1100 N | 6283394. | 1070721 | GW 08 | | | | | | | |

| | | | | | | | |
|-----------------|--------------------|-------------|-------------|------------|-----------------|---------------------|-------|
| 5600116-3 | 082 01 8 | 02 1200 | 360 FLOWFLO | 1000 | MD 633702. | 1070960 | GU 08 |
| 5600116-4 | 082 01 6 | N/A/N/A | N/A FLOWFLO | 180 | MD 631622. | 1073021 | GU 08 |
| 5600116-5 | 082 01 6 | N/A/N/A | N/A FLOWFLO | 75 | MD 6334648. | 1070060 | GU 08 |
| 5600116-6A | 082 01 10 | 02 800 | 367 FLOWFLO | 1500 | MD 632948. | 1067715 | GU 08 |
| 5600116-7 | 094 01 6 | N/A/N/A | N/A FLOWFLO | 700 | MD 633513. | 1065212 | GU 08 |
| 5600116-8 | 094 01 8 | 02 1250 | 395 FLOWFLO | 1000 | MD 635329. | 1062743 | GU 08 |
| 5600116-9 | 094 01 6 | N/A/N/A | N/A FLOWFLO | 180 | MD 626107. | 1063558 | GU 08 |
| 5600116-10 | 094 01 12 | 02 950 | 620 FLOWFLO | 1100 | MD 621762. | 1069374 | GU 08 |
| 5600116-11 | 094 01 12 | 02 920. | 611 FLOWFLO | 1100 | MD 1045177 | 1060815 | GU 08 |
| 5600116-12 | 082 01 6 | N/A/N/A | N/A FLOWFLO | 180 | MD 630892. | 1071769 | GU 08 |
| 5600116-13 | 082 01 16 | 02 1430 | 416 FLOWFLO | 1500 | MD 637745. | 1034646 | GU 08 |
| 5600116-14 | 082 01 10 | 02 1114 | 370 FLOWFLO | 800 | MD 626902. | 1046754 | GU 08 |
| 5600116-15 | 082 01 10 | 02 1114 | 380 FLOWFLO | 800 | MD 629950. | 1046487 | GU 08 |
| 5600116-16 | 082 01 10 | 02 1120 | 360 FLOWFLO | 700 | MD 1060815 | 1066219 | GU 08 |
| 5600116-17 | 094 01 10 | 02 1135 | 360 FLOWFLO | 800 | MD 6333761. | 1056287 | GU 08 |
| 5600116-18 | 094 01 10 | 02 1100 | 395 FLOWFLO | 800 | MD 629935. | 1058559 | GU 08 |
| 5600116-19 | 094 01 10 | 02 1100 | 360 FLOWFLO | 800 | MD 633875. | 1058449 | GU 08 |
| 5600116-20 | 094 01 10 | 02 1050 | 480 FLOWFLO | 800 | MD 634201. | 1051266 | GU 08 |
| 5600116-21 | 094 01 10 | 02 1100 | 350 FLOWFLO | 800 | MD 635370. | 1042719 | GU 08 |
| 5600116-22 | 082 01 10 | 02 1100 | 350 FLOWFLO | 800 | MD 624671. | 1066219 | GU 08 |
| 5600116-23 | 092 01 10 | 02 1100 | 350 FLOWFLO | 800 | MD 629786. | 1064726 | GU 08 |
| 5600116-24 | 082 01 10 | 02 1100 | 350 FLOWFLO | 800 | MD 632487. | 1061719 | GU 08 |
| 5600116-25 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | MD 634843. | 1034751 | GU 08 |
| 5600116-26 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | MD 635801. | 1033867 | GU 08 |
| 5600116-27 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | MD 634867. | 1032861 | GU 08 |
| 5600116-28 | 082 02 10 | 02 1100 | 350 FLOWFLO | 800 | MD 634904. | 1031357 | GU 08 |
| 5600116-29 | 082 01 10 | 02 1100 | 350 FLOWFLO | 800 | MD 631922. | 1068395 | GU 08 |
| 5600116-P1 | 082 01 ... | ... | ... | 5000 | MD 6336427. | 1073943 | GU 08 |
| 5600116-P2 | 082 01 ... | ... | ... | 5000 | MD 6336467. | 1061073 | GU 08 |
| Cap is estimate | | | | | | | |
| 5600118-1 | 083 01 03 | 299.99 02 | 56 AG BOT | 19 | 4 E.C. LUMSFORD | 56 56001185/W | 56 |
| 5600118-2 | 083 01 03 | 8.00 02 900 | 250 FLOWFLO | 305 | NO 679433. | 1092533 | GU 08 |
| 5600118-4 | 083 01 03 | 8.00 02 900 | 250 FLOWFLO | 305 | NO 682910. | 1094467 | GU 08 |
| 5600118-6 | 083 01 03 | 8.00 02 100 | ... FLOWFLO | 305 | NO 6805131. | 1103913 | GU 08 |
| 5600118-7 | 083 01 10 | 8.00 02 100 | ... FLOWFLO | 300 | NO 685639. | 1102536 | GU 02 |
| 5600118-9 | 083 01 10 | 8.00 02 100 | 90 FLOWFLO | 300 | NO 684690. | 1097772 | GU 02 |
| 5600118-10 | 083 01 4.00 02 80 | 57 FLOWFLO | 350 | NO 684196. | 1097638 | GU 02 | |
| 5600118-15 | 083 01 8.00 02 900 | ... FLOWFLO | 120 | NO 680566. | 1097051 | GU 02 | |
| 5600118-8 | 083 01 4.00 02 900 | 300 FLOWFLO | 305 | NO 681976. | 1099969 | GU 08 | |
| 5600118-16 | 083 01 4.00 02 900 | 300 FLOWFLO | 150 | NO 684105. | 1101654 | GU 08 | |
| 5600118-17 | 083 01 4.00 02 900 | 300 FLOWFLO | 305 | NO 684078. | 1104956 | GU 08 | |
| 5600118-1A | 083 01 4.00 02 57 | ... ... | 150 | NO 684100. | 1102611 | GU 02 | |
| 5600118-1B | 083 01 4.00 02 57 | ... ... | 220 | NO 684271. | 1102611 | GU 02 | |
| 5600118-12A | 083 01 4.00 02 57 | ... ... | 220 | NO 684271. | 1102611 | GU 02 LOC. IS GUESS | |
| 5600118-12B | 083 01 4.00 02 57 | ... ... | 220 | NO 684271. | 1102611 | GU 02 LOC. IS GUESS | |
| 5600118-13A | 083 01 4.00 02 57 | ... ... | 140 | NO 681939. | 1099415 | GU 02 | |
| 5600118-13B | 083 01 4.00 02 57 | ... ... | 140 | NO 682116. | 1099422 | GU 02 | |
| 5600118-14 | 083 01 8.00 02 80 | ... ... | 550 | NO 690946. | 1100023 | GU 02 | |
| 5600118-15 | 083 01 8.00 02 80 | ... ... | 200 | NO 682026. | 1098153 | GU 02 | |
| 5600118-18 | 083 01 ... | ... ... | 10000 | NO 681496. | 1100355 | GU 08 | |
| 5600118-20 | 083 01 ... | ... ... | 10000 | NO 681940. | 1098085 | GU 08 | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. UNIT NO. | ALL | MAX. UTS CO | DATE USE ISSUED. | SW CO | PUMP TYPE | WLS. | OWNER | CROP | SOIL | RAIN | IRR. | ACRES | EFF. | | | | |
|------------|--------------|-----|-------------|------------------|-------|-----------|------|---------|---------|------|------|----------------------|-------|------|-----|----|-----|-----|
| 5600118-21 | 083 01 | --- | --- | --- | --- | 10000 | NO | 666367. | 1094879 | SW | 99 |)PUMPS-DRAINAGE ONLY | 08 | 13 | 1.5 | 11 | 990 | .85 |
| 5600118-19 | 083 01 | --- | --- | --- | --- | 10000 | NO | 666367. | 1094879 | SW | 99 |)PUMPS-DRAINAGE ONLY | 56 | 56 | 5 | 1 | 990 | .85 |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. | DPDN COD | PUMP TD | PUMP INT | PUMP TYP | CAP. | NTR? | XPLNR SRC | AQ | COMMENTS | CO | PERMIT NO. | DEV NO. | AGTYPE | TYPE | ST | | | | |
|------------|-----------------|-----------|----------|----------|---------|----------|----------|-----------|---------|---------------------------|---------|----------|-----------------------------|-------------------------------|---------|------------------------|------|-----|-----|-----|-----|-----|
| 5600119W | 455.35 | 03 | 167.6 | 02 | 56 | 10/87 | AG BOT | 3 | 5 | R.D. GROVE ENTERP. INC. | 56 | Cap est. | 56 | 56 | 5 | 1 | 990 | .85 | | | | |
| 5600119-A | 060 01 | 8.00 | 02 | 1000 | 300 | FLOWFLD | 575 | NO | 661712. | 1152576 | GW | 08 | Cap est. | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600119-D | 060 01 | 8.00 | 02 | 1000 | 300 | FLOWFLD | 575 | NO | 658502. | 1158655. | GW | 08 | 160 ACRE ONSITE, Cap est. | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600119-E | 060 01 | 8.00 | 02 | 1000 | 300 | FLOWFLD | 575 | NO | 656502. | 1157797 | GW | 08 | RESERVOIR, | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600119-P1 | 060 01 | --- | --- | --- | --- | --- | --- | 12000 | NO | 658602. | 1151345 | SW | 99 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | |
| 5600119-P2 | 060 01 | --- | --- | --- | --- | --- | --- | 27000 | NO | 661775. | 1151299 | SW | 99 | C-25 SOURCE FILLS DITCH | 56 | 56 | 5 | 1 | 990 | .85 | | |
| 5600119-P3 | 060 01 | --- | --- | --- | --- | --- | --- | 5500 | NO | 661690. | 1154326 | SW | 99 | ADJACENT TO MINUTE MAID CANAL | 56 | 56 | 5 | 1 | 990 | .85 | | |
| 5600119-P4 | 060 01 | --- | --- | --- | --- | --- | --- | 27000 | NO | 661660. | 1154752 | SW | 99 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | |
| 5600119-P5 | 060 01 | --- | --- | --- | --- | --- | --- | 36000 | NO | 656563. | 1156436 | SW | 99 | PUMPS 2,3,4,5(DISCHARGE ONLY) | 56 | 56 | 5 | 1 | 990 | .85 | | |
| 147 | | | | | | | | | | | | | | | | | | | | | | |
| 5600120W | 5600120-1 | 062 01 | 4.00 | 02 | --- | --- | --- | --- | GW | 95 | H | 703600 | 1153990 | GW | 08 | Permit expired waiting | 56 | 56 | 5 | 1 | 990 | .85 |
| 5600120-2 | 062 01 | 5.00 | 02 | 85 | 85 | FLOW | 105 | H | 702900 | 1157000 | GW | 08 | on renewal letter response. | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600120-3 | 061 01 | 2.00 | 02 | 85 | 85 | FLOW | 75 | H | 699950 | 1157500 | GW | 02 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600120-4 | 062 01 | 2.00 | 02 | 85 | 85 | FLOW | 75 | H | 705300 | 1157050 | GW | 02 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600120-5 | 062 01 | 2.00 | 02 | 85 | 85 | FLOW | 75 | H | 705400 | 1157050 | GW | 02 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600122W | 86.8 | 04 | 13.8 | 02 | 56 | 4/78 | AG BOT | *1 | 1 | M.R. FARINA | 56 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | | |
| 5600122-1 | 072 01 | 2.00 | 02 | 160 | 150 | PUMP-- | 150 | NO | 689978. | 1140713 | GW | 02 | *3 FLOWING FLORIDA | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600122-2 | 072 01 | --- | --- | --- | --- | --- | --- | 1500 | NO | 689418. | 1140522 | SW | 99 | WELLS ON ADJECENT PROP. | 56 | 56 | 5 | 1 | 990 | .85 | | |
| 5600123W | 38.4 | 03 | 23.3 | 02 | 56 | 4/78 | AG BOT | 8 | 2 | LAMBETH CITRUS PROD. INC. | 56 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | | |
| 5600123-1 | 061 01 | 6.00 | 02 | 900 | --- | FLOWFLD | 400 | NO | 683629. | 1166957 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-2 | 061 01 | 4.00 | 02 | --- | --- | FLOWFLD | 100 | NO | 683217. | 1166048 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-3 | 061 01 | 4.00 | 02 | --- | --- | FLOWFLD | 85 | NO | 683634. | 1166069 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-4 | 061 01 | 4.00 | 02 | --- | --- | FLOWFLD | 125 | NO | 683706. | 1166016 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-5 | 061 01 | 4.00 | 02 | --- | --- | FLOWFLD | 85 | NO | 683988. | 1166027 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-6 | 061 01 | 4.00 | 02 | --- | --- | FLOWFLD | 80 | NO | 682198. | 1166109 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-7 | 061 01 | 4.00 | 02 | --- | --- | FLOWFLD | 80 | NO | 682415. | 1166360 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-8 | 061 01 | 4.00 | 02 | --- | --- | FLOWFLD | 85 | NO | 682208. | 1166866 | GW | 08 | --- | 56 | 56 | 5 | 1 | 990 | .85 | | | |
| 5600123-P1 | 061 01 | --- | --- | --- | --- | --- | --- | 2MA 10000 | NO | 681768. | 1167338 | SW | 99 | FT. PIERCE FMS. D.D. | 56 | 56 | 5 | 1 | 990 | .85 | | |
| 5600123-P2 | 061 01 | --- | --- | --- | --- | --- | --- | 2MA 6000 | NO | 684190. | 1166971 | SW | 99 | FT. PIERCE FMS. D.D. | 56 | 56 | 5 | 1 | 990 | .85 | | |

| | | | | | | | | | | | | | | | | |
|------------|------------|---------|---------|-----------|---------|------------|---------|---------------|---------------------------------------|------------------------|----------------------------------|----|-----|----|------|-----|
| 5600124W | 50.2 | 03 | 14.8 02 | 56 | 4/78 | AG GU | 2 1 | LILLIAN DUGAN | 56 | 08 | 13 | .8 | 11 | 75 | .50 | |
| | 6.00 02 | 900 | ... | FLOWFLO | 352 | NO 689016. | 1156054 | GW 08 | | | | | | | | |
| 5600124-1 | 061 01 | | | FLOWFLO | 60 | NO 689899. | 1155854 | GW 08 | | | | | | | | |
| 5600124-2 | 061 01 | | | FLOWFLO | 60 | NO 689185. | 1154121 | SW 99 | DISCHARGE ONLY | | | | | | | |
| 5600124-P1 | 061 01 | | | FLOW--- | 6000 | NO 689185. | 1154121 | SW 99 | | | | | | | | |
| 5600125W | 5600125-1 | 31.28 | 03 | 11.51 02 | 56 | 6/89 | AG GU | 3 0 | JIM G. RUSSAKIS (GROVES) | 56 | 08 | 13 | .8 | 11 | 40 | .50 |
| | 6.00 02 | 700 | ... | FLOWFLO | 300 | NO 687487. | 1166606 | GW 08 | | | | | | | | |
| 5600125-2 | 061 01 | | | FLOWFLO | 400 | NO 688073. | 1166393 | GW 08 | | | | | | | | |
| 5600125-3 | 061 01 | | | FLOWFLO | 600 | NO 688046. | 1165921 | GW 08 | | | | | | | | |
| 5600126W | 5600126-1 | 26.8 | 03 | 7.91 02 | 56 | 4/78 | AG GU | 1 0 | LUEKEN-SHAW GROVES | 56 | 08 | 13 | .8 | 11 | 40 | .50 |
| | 6.00 02 | 800 | ... | FLOWFLO | 450 | NO 694124. | 1110105 | GW 08 | | | | | | | | |
| 5600127W | 5600127-1 | 52.3 | 03 | 15.4 02 | 56 | 4/78 | AG GU | 3 0 | LEVERETT-SHAW GROVES | 56 | 08 | 13 | .8 | 11 | 78 | .50 |
| | 4.00 02 | 800 | ... | FLOWFLO | 150 | NO 694704. | 1112937 | GW 08 | | | | | | | | |
| 5600127-2 | 072 01 | | | FLOWFLO | 250 | NO 694571. | 1112279 | GW 08 | | | | | | | | |
| 5600127-3 | 072 01 | | | FLOWFLO | 75 | NO 694238. | 1113441 | GW 08 | | | | | | | | |
| 5600128W | 5600128-P1 | 17.7 | 03 | 3.39 02 | 56 | 2/69 | AG SW | 0 | 1 BENSON O. YOUNT | 56 | 99 | 20 | .8 | 11 | 17.7 | .50 |
| | ... | ... | ... | ... | ... | ... | POB | 600 | NO 692042. | 1157126 | SU 99 FT. PIERCE FMS. D.D. CANAL | | | | | |
| 5600129W | 5600129-1 | 89.14 | 03 | 32.81 02 | 56 | 10/67 | AG GU | 5 0 | W.C. GARVES JR. (PINK & WATSON GRVS.) | 56 | 08 | 13 | 1.5 | 11 | 114 | .50 |
| | 4.00 02 | 580 | 210 | FLOWFLO | 100 | ... | 662039. | 1126264 | GW 08 Cap. estimated | | | | | | | |
| 5600129-2 | 071 01 | 5.00 02 | 610 | 225 | FLOWFLO | 250 | ... | 662166. | 1125633 | GW 08 | | | | | | |
| 5600129-3 | 071 01 | 5.00 02 | 610 | 230 | FLOWFLO | 250 | ... | 660465. | 1124876 | GW 08 | | | | | | |
| 5600129-4 | 071 01 | 4.00 02 | 590 | 215 | FLOWFLO | 100 | ... | 661048. | 1124875 | GW 08 | | | | | | |
| 5600129-5 | 071 01 | 6.00 02 | 685 | 245 | FLOWFLO | 250 | ... | 662053. | 1124808 | GW 08 | | | | | | |
| 5600130W | 5600130-1 | 683.4 | 03 | 251.53 02 | 56 | 10/67 | AG BOT | 35 | 1 W.C. GRAVES JR. (MC CARTY GROVES) | 56 | 08 | 13 | 1.5 | 11 | 874 | .50 |
| | 5.00 02 | 650 | 290 | FLOWFLO | 250 | ... | 65478. | 1113649 | GW 08 Capacity Estimated | | | | | | | |
| 5600130-2 | 071 01 | 5.00 02 | 600 | 295 | FLOWFLO | 250 | ... | 657008. | 1115609 | GW 08 | | | | | | |
| 5600130-3 | 071 01 | 5.00 02 | 610 | 295 | FLOWFLO | 250 | ... | 657882. | 1115594 | GW 08 | | | | | | |
| 5600130-4 | 071 01 | 5.00 02 | 675 | 290 | FLOWFLO | 250 | ... | 657991. | 1114982 | GW 08 | | | | | | |
| 5600130-5 | 071 01 | 5.00 02 | 550 | 290 | FLOWFLO | 250 | ... | 656999. | 1113910 | GW 08 | | | | | | |
| 5600130-6 | 071 01 | 5.00 02 | 625 | 300 | FLOWFLO | 250 | ... | 656083. | 1112852 | GW 08 | | | | | | |
| 5600130-7 | 071 01 | 5.00 02 | 685 | 310 | FLOWFLO | 250 | ... | 655115. | 1113374 | GW 08 | | | | | | |
| 5600130-8 | 071 01 | 8.00 02 | 960 | 350 | FLOWFLO | 575 | ... | 652969. | 1113261 | GW 08 | | | | | | |
| 5600130-9 | 071 01 | 5.00 02 | 710 | 305 | FLOWFLO | 250 | ... | 652969. | 1113261 | GW 08 Loc. IS GUESS. " | | | | | | |
| 5600130-10 | 071 01 | 6.00 02 | 690 | 295 | FLOWFLO | 250 | ... | 652479. | 1112273 | GW 08 | | | | | | |
| 5600130-11 | 071 01 | 5.00 02 | 685 | 310 | FLOWFLO | 250 | ... | 653569. | 1112273 | GW 08 | | | | | | |
| 5600130-12 | 071 01 | 5.00 02 | 590 | 285 | FLOWFLO | 250 | ... | 652405. | 1111465 | GW 08 | | | | | | |
| 5600130-13 | 071 01 | 6.00 02 | 700 | 315 | FLOWFLO | 250 | ... | 653740. | 1111534 | GW 08 | | | | | | |
| 5600130-14 | 071 01 | 5.00 02 | 675 | 295 | FLOWFLO | 250 | ... | 655105. | 1111561 | GW 08 | | | | | | |
| 5600130-15 | 071 01 | 5.00 02 | 625 | 310 | FLOWFLO | 250 | ... | 656667. | 1112079 | GW 08 | | | | | | |
| 5600130-16 | 071 01 | 5.00 02 | 635 | 310 | FLOWFLO | 250 | ... | 656954. | 1112110 | GW 08 | | | | | | |
| 5600130-17 | 071 01 | 5.00 02 | 650 | 325 | FLOWFLO | 250 | ... | 657618. | 1112136 | GW 08 | | | | | | |
| 5600130-18 | 071 01 | 6.00 02 | 720 | 350 | FLOWFLO | 250 | ... | 656875. | 1111527 | GW 08 | | | | | | |
| 5600130-19 | 071 01 | 6.00 02 | 725 | 330 | FLOWFLO | 250 | ... | 659127. | 1110279 | GW 08 | | | | | | |
| 5600130-20 | 071 01 | 4.00 02 | 525 | 300 | FLOWFLO | 100 | ... | 658404. | 1110126 | GW 08 | | | | | | |
| 5600130-21 | 071 01 | 4.00 02 | 530 | 300 | FLOWFLO | 100 | ... | 660197. | 1109558 | GW 08 | | | | | | |
| 5600130-22 | 071 01 | 5.00 02 | 610 | 325 | FLOWFLO | 250 | ... | 656974. | 1109375 | GW 08 | | | | | | |
| 5600130-23 | 071 01 | 5.00 02 | 560 | 295 | FLOWFLO | 250 | ... | 657002. | 1108907 | GW 08 | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | All Max. UTS Co. No. | Date Iss. | Use Type | Sw. | Co. No. | Pmp No. | Dev No. | Crop Acres | Soil St. | Irr. | Irr. |
|-----------------|-----------|----------------------|-----------|----------|-----------|---------|---------|---------|------------|----------|------|----------|
| FACILITY NUMBER | Quad. No. | Well Sisdia. | Dptn Coo. | Pump Id | Pump Cap. | Int. | Typ. | Xplnr | Yplnr | Src | Ao | Comments |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | AN. | All Max. UTS Co. No. | Date Iss. | Use Type | Sw. | Co. No. | Pmp No. | Dev No. | Crop Acres | Soil St. | Irr. | Irr. |
|-----------------|-----------|----------------------|-----------|----------|-----------|---------|---------|---------|------------|----------|------|----------|
| FACILITY NUMBER | Quad. No. | Well Sisdia. | Dptn Coo. | Pump Id | Pump Cap. | Int. | Typ. | Xplnr | Yplnr | Src | Ao | Comments |

| | | | | | | | | | | | | |
|------------|--------|----|-------|-----|------|-------|---------|-----|------------------------------|----------|---------|---------------------------------|
| 5600130-24 | 071 | 01 | 6.00 | 02 | 810 | 320 | FLOWFL0 | 250 | ... | 651694. | 1108467 | GW 08 |
| 5600130-25 | 071 | 01 | 5.00 | 02 | 785 | 325 | FLOWFL0 | 250 | ... | 650811. | 1108456 | GW 08 |
| 5600130-26 | 071 | 01 | 6.00 | 02 | 830 | 325 | FLOWFL0 | 250 | ... | 652199. | 1109467 | GW 08 |
| 5600130-27 | 071 | 01 | 6.00 | 02 | 835 | 335 | FLOWFL0 | 250 | ... | 659895. | 1109506 | GW 08 |
| 5600130-28 | 071 | 01 | 8.00 | 02 | 990 | 360 | FLOWFL0 | 575 | ... | 649719. | 1110336 | GW 08 |
| 5600130-29 | 071 | 01 | 6.00 | 02 | 840 | 325 | FLOWFL0 | 250 | ... | 651064. | 1110666 | GW 08 |
| 5600130-30 | 071 | 01 | 6.00 | 02 | 825 | 330 | FLOWFL0 | 250 | ... | 651180. | 1111121 | GW 08 |
| 5600130-31 | 071 | 01 | 8.00 | 02 | 925 | 310 | FLOWFL0 | 575 | ... | 649835. | 1111687 | GW 08 |
| 5600130-32 | 071 | 01 | 8.00 | 02 | 980 | 315 | FLOWFL0 | 575 | ... | 651664. | 1111720 | GW 08 |
| 5600130-33 | 071 | 01 | 5.00 | 02 | 650 | 320 | FLOWFL0 | 250 | ... | 650922. | 1112292 | GW 08 |
| 5600130-34 | 071 | 01 | 4.00 | 02 | 535 | 270 | FLOWFL0 | 100 | ... | 649815. | 1112954 | GW 08 |
| 5600130-35 | 071 | 01 | 6.00 | 02 | 875 | 335 | FLOWFL0 | 250 | ... | 652392. | 1113397 | GW 08 |
| 5600130-P1 | 071 | 01 | ... | ... | ... | 16.3 | 6000 | NO | 651027. | 1113408 | SN 99 | C-70, P10 |
| | | | | | | | | | 56 | | | |
| 5600131W | 6.7 | 03 | 3.00 | 02 | 56 | 11/78 | AG GW | 2 0 | MILDRED N. ROCK | | | |
| 5600131-1 | 072 | 01 | 5.00 | 02 | 1025 | 400 | FLOWFL0 | 125 | NO | 692183. | 1136930 | GW 08 |
| 5600131-2 | 072 | 01 | 4.00 | 02 | 920 | 300 | FLOWFL0 | 75 | NO | 692203. | 1136691 | GW 08 PRIVATE WATER SUPPLY ONLY |
| 5600132W | 59.43 | 03 | 21.87 | 02 | 56 | 10/87 | AG BOY | 4 | 1 W.C. GRAVES, JR. (STEIN 3) | | | |
| 5600132-1 | 083 | 01 | 5.00 | 02 | 705 | 295 | FLOWFL0 | 100 | NO | 665877. | 1094360 | GW 08 Estimated Cap. |
| 5600132-2 | 083 | 01 | 4.00 | 02 | 625 | 275 | FLOWFL0 | 250 | NO | 663346. | 1094368 | GW 08 |
| 5600132-3 | 083 | 01 | 5.00 | 02 | 725 | 265 | FLOWFL0 | 250 | NO | 666667. | 1093439 | GW 08 |
| 5600132-4 | 083 | 01 | 5.00 | 02 | 725 | 265 | FLOWFL0 | 250 | NO | 665895. | 1092686 | GW 08 |
| 5600132-P1 | 083 | 01 | ... | ... | ... | 13.5 | 10000 | NO | 668315. | 1093484 | SN 99 | C-107, 2-way |
| | | | | | | | | | 56 | | | |
| 5600133W | 118.85 | 03 | 43.76 | 02 | 56 | 10/87 | AG GW | 6 0 | W.C.GRAVES, (SLOTT GROVE) | | | |
| 5600133-1 | 083 | 01 | 6.00 | 02 | 785 | 290 | FLOW--- | 250 | NO | 670673. | 1103684 | GW 08 Cap. estimated |
| 5600133-2 | 083 | 01 | 5.00 | 02 | 770 | 290 | FLOW--- | 250 | NO | 669681. | 1103694 | GW 08 |
| 5600133-3 | 083 | 01 | 6.00 | 02 | 610 | 285 | FLOW--- | 250 | NO | 668951. | 1103693 | GW 08 |
| 5600133-4 | 083 | 01 | 4.00 | 02 | 500 | 275 | FLOW--- | 100 | NO | 668935. | 1102950 | GW 08 |
| 5600133-5 | 083 | 01 | 6.00 | 02 | 625 | 290 | FLOW--- | 250 | NO | 6698521. | 1102613 | GW 08 |
| 5600133-6 | 083 | 01 | 6.00 | 02 | 625 | 290 | FLOW--- | 250 | NO | 669635. | 1102116 | GW 08 |
| | | | | | | | | | 56 | | | |
| 5600134W | 50.2 | 03 | 14.8 | 02 | 56 | 6/78 | AG GW | 5 0 | W.C. GRAVES,JR. | | | |
| 5600134-1 | 072 | 01 | 4.00 | 02 | N/A | N/A | FLOWFL0 | 100 | NO | 669741. | 1123983 | GW 08 |
| 5600134-2 | 072 | 01 | 5.00 | 02 | N/A | N/A | FLOWFL0 | 165 | NO | 669513. | 1123608 | GW 08 |

| | | | | | | | | | | | | |
|------------|--------|------|-------|-----|---------|---------|---------|---------|------------------------------|---------------------------|----------------------|-------|
| 5600134-3 | 072 01 | 3.00 | -- | N/A | N/A | W/A | FLOWFLO | 75 | NO | 669131. | 1123141 | GU 08 |
| 5600134-4 | 072 01 | 5.00 | -- | N/A | N/A | N/A | FLOWFLO | 300 | NO | 669892. | 1122715 | GU 08 |
| 5600134-5 | 072 03 | 4.00 | -- | N/A | N/A | N/A | FLOWFLO | --- | NO | 669516. | 1124071 | GU 08 |
| 5600135W | 13.2 | .03 | 6.13 | 02 | 56 | 6/78 | AG BOT | 3 | 1 | MATTHEW JOHNSON | | |
| 5600135-1 | 072 01 | 4.00 | 02 | 700 | N/A | FLOWFLO | 70 | NO | 702279. | 1125279 | GU 08 | |
| 5600135-2 | 072 01 | 3.00 | 02 | 700 | N/A | FLOWFLO | 70 | NO | 702224. | 1124647 | GU 08 | |
| 5600135-3 | 073 01 | 3.00 | 02 | 700 | N/A | FLOWFLO | 70 | NO | 703082. | 1124410 | GU 08 | |
| 5600135-P1 | 072 01 | --- | --- | --- | --- | --- | --- | 3000 | NO | 702577. | 1124243 | SU 99 |
| 5600136W | 59.43 | .03 | 21.87 | 02 | 56 | 10/87 | AG BOT | 2 | 1 | H.C. GRAVES JR. (STEIN 2) | | |
| 5600136-1 | 083 01 | 5.00 | 02 | 800 | 305 | FLOWFLO | 250 | NO | 665590. | 1099519 | GU 08 Cap. estimated | |
| 5600136-2 | 083 01 | 6.00 | 02 | 785 | 295 | FLOWFLO | 250 | NO | 664542. | 1099484 | GU 08 | |
| 5600136-P1 | 083 01 | --- | --- | --- | 13.3 | 10000 | NO | 663264. | 1099577 | SU 99 "IMPERABLE" | | |
| 5600137W | 207.99 | .03 | 76.55 | 02 | 56 | 10/87 | AG BOT | 7 0 | BERNARD EGAN | | | |
| 5600137-1 | 083 01 | 8.00 | 02 | 975 | 280 | FLOWFLO | 575 | NO | 670377. | 1094193 | GU 08 Cap. estimated | |
| 5600137-2 | 083 01 | 5.00 | 02 | 610 | 275 | FLOWFLO | 250 | NO | 675452. | 1093751 | GU 08 | |
| 5600137-3 | 083 01 | 6.00 | 02 | 610 | 275 | FLOWFLO | 250 | NO | 675240. | 1093640 | GU 08 | |
| 5600137-4 | 083 01 | 5.00 | 02 | 715 | 290 | FLOWFLO | 250 | NO | 677856. | 1093576 | GU 08 | |
| 5600137-5 | 083 01 | 6.00 | 02 | 760 | 295 | FLOWFLO | 250 | NO | 676895. | 1093434 | GU 08 | |
| 5600137-6 | 083 01 | 5.00 | 02 | 760 | 295 | FLOWFLO | 250 | NO | 674860. | 1092511 | GU 08 | |
| 5600137-7 | 083 01 | 6.00 | 02 | 695 | 270 | FLOWFLO | 250 | NO | 677731. | 1092444 | GU 08 | |
| 5600138W | 207.99 | .03 | 76.55 | 02 | 56 | 10/87 | AG BOT | 7 | 2 H. C. GRAVES JR. (STEIN 1) | | | |
| 5600138-1 | 072 01 | 6.00 | 02 | 730 | 285 | FLOWFLO | 250 | NO | 668918. | 1109497 | GU 08 Cap. estimated | |
| 5600138-2 | 072 01 | 6.00 | 02 | 765 | 290 | FLOWFLO | 250 | NO | 669723. | 1108615 | " | |
| 5600138-3 | 072 01 | 8.00 | 02 | 910 | 275 | FLOWFLO | 250 | NO | 668149. | 1108799 | GU 08 | |
| 5600138-4 | 072 01 | 5.00 | 02 | 630 | 295 | FLOWFLO | 250 | NO | 666694. | 1108608 | GU 08 | |
| 5600138-5 | 072 01 | 5.00 | 02 | 725 | 280 | FLOWFLO | 250 | NO | 666646. | 1108286 | GU 08 | |
| 5600138-6 | 072 01 | 6.00 | 02 | 810 | 295 | FLOWFLO | 250 | NO | 664252. | 1108339 | GU 08 | |
| 5600138-7 | 072 01 | 5.00 | 02 | 785 | 275 | FLOWFLO | 250 | NO | 663580. | 1108616 | GU 08 | |
| 5600138-P1 | 072 01 | --- | --- | --- | 12 PTO | 6000 | N | 669575. | 1110620 | SU 99 | | |
| 5600138-P2 | 072 01 | --- | --- | --- | 12.5PTO | 6000 | N | 669647. | 1108233 | SU 99 | | |
| 5600139W | 118.85 | .03 | 43.74 | 02 | 56 | 10/87 | AG BOT | 5 0 | H.C. GRAVES (WANGER GROVE) | | | |
| 5600139-1 | 071 01 | 5.00 | 02 | 675 | 205 | FLOWFLO | 250 | NO | 653566. | 1118621 | GU 08 Cap. estimated | |
| 5600139-2 | 071 01 | 5.00 | 02 | 680 | 210 | FLOWFLO | 250 | NO | 654750. | 1118235 | GU 08 | |
| 5600139-3 | 071 01 | 6.00 | 02 | 695 | 200 | FLOWFLO | 250 | NO | 653646. | 1117427 | GU 08 | |
| 5600139-4 | 071 01 | 5.00 | 02 | 585 | 213 | FLOWFLO | 250 | NO | 653621. | 1116315 | GU 08 | |
| 5600139-5 | 071 01 | 8.00 | 02 | 980 | 230 | FLOWFLO | 575 | NO | 652439. | 1116390 | GU 08 | |
| 5600140W | 118.85 | .03 | 43.74 | 02 | 56 | 10/87 | AG BOT | 5 | 1 H.C. GRAVES JR. (STEIN #40 | | | |
| 5600140-1 | 082 01 | 4 | 02 | 580 | 195 | FLOW | 100 | N | 660617. | 1094674 | GU 08 Cap. estimated | |
| 5600140-2 | 082 01 | 6 | 02 | 635 | 205 | FLOW | 250 | N | 661832. | 1094672 | GU 08 | |
| 5600140-3 | 082 01 | 6 | 02 | 710 | 220 | FLOW--- | 250 | N | 660529. | 1093462 | GU 08 | |
| 5600140-4 | 082 01 | 6 | 02 | 725 | 240 | FLOW--- | 250 | N | 661773. | 1093560 | GU 08 | |
| 5600140-5 | 082 01 | 6 | 02 | 705 | 235 | FLOW--- | 250 | N | 662403. | 1092424 | GU 08 | |
| 5600140-P1 | 082 01 | --- | --- | --- | 14.3 | 10,000 | | 661625. | 1094767 | SU 99 | | |
| 5600141W | 4.15 | .03 | 9.82 | 02 | 56 | 6/78 | AG GN | 1 0 | R & M BODRIAS | C-78 SOURCE | | |
| 5600141-1 | 083 01 | 3 | 02 | 80 | 50-60 | N/A | --- | 250 | N | 702410 | 1101405 | GU 02 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | MO. UTS CO. | DATE USE SCHED. ISS. | SW TYPE | PWS W.L.S. | CFI TYP CAP. | WTR? Y/N | PLNR SRC | AG OWNER | CO PERMIT NO. | DEV NO. | AGTYPE | ST ACRES | EFF |
|------------|----------|------------------|-------------|----------------------|---------|------------|--------------|----------|----------|----------|---------------|---------|--------|----------|-----|
|------------|----------|------------------|-------------|----------------------|---------|------------|--------------|----------|----------|----------|---------------|---------|--------|----------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NUMBER | FACILITY NO. | QUAD. NO. | WELL ST/SDIA. | DPTH | PPN PUMP | PPN PUMP | CD TO CFI | INT | TYP CAP. | WTR? Y/N | PLNR SRC | AG COMMENTS |
|---------------|--------------|-----------|---------------|------|----------|----------|-----------|-----|----------|----------|----------|-------------|
|---------------|--------------|-----------|---------------|------|----------|----------|-----------|-----|----------|----------|----------|-------------|

| | | | | | | | | | | | | | | | | |
|----------|------------|------|----|---------|------|-------------|---------|-------------------|------------------------------------|----------------|----------------|--|--|--|--|--|
| 5600142W | | 1555 | 03 | 5.97 01 | 56 | 3/88 PWS | GW | 21 0 | GENERAL DEV. UTIL. (PORT ST.LUCIE) | 56 | | | | | | |
| | 5600142-1 | 084 | 01 | 8.00 02 | 95 | 60 N/A 02 | GW 02 | 600 | Y 713106. 1081354 | | | | | | | |
| | 5600142-2 | 084 | 01 | 8.00 02 | 103 | 45 N/A 02 | GW 02 | 200 | Y 713813. 1082268 | | | | | | | |
| | 5600142-3 | 084 | 01 | 8.00 02 | 90 | 45 N/A 02 | 400 | Y 713071. 1082096 | | | | | | | | |
| | 5600142-4 | 084 | 03 | 8.00 02 | 114 | 79 N/A 02 | 125 | Y 710737. 1083830 | | | | | | | | |
| | 5600142-6 | 084 | 01 | 8.00 02 | 111 | 76 N/A 02 | 275 | Y 709995. 1085133 | | | | | | | | |
| | 5600142-7 | 084 | 01 | 8.00 02 | 111 | 69.5 N/A 02 | 265 | Y 709500. 1086689 | | | | | | | | |
| | 5600142-8 | 084 | 01 | 8.00 02 | 111 | 75 N/A 02 | 200 | Y 709570. 1087756 | | | | | | | | |
| | 5600142-9 | 084 | 01 | 8.00 02 | 110 | 65 N/A 02 | 320 | Y 710903. 1085147 | | | | | | | | |
| | 5600142-10 | 084 | 01 | 8.00 02 | 110 | 70 N/A 02 | 320 | Y 710855. 1085866 | | | | | | | | |
| | 5600142-11 | 084 | 01 | 8.00 02 | 111 | 70 N/A 02 | 180 | Y 710814. 1086900 | | | | | | | | |
| | 5600142-12 | 084 | 01 | 8.00 02 | 111 | 71 N/A 02 | 255 | Y 710598. 1087728 | | | | | | | | |
| | 5600142-13 | 084 | 01 | 8.00 02 | 95.5 | 71 N/A 02 | 190 | Y 708517. 1085159 | | | | | | | | |
| | 5600142-14 | 084 | 01 | 8.00 02 | 100 | 54.5 N/A 02 | 300 | Y 710046. 1080336 | | | | | | | | |
| | 5600142-15 | 084 | 01 | 8.00 02 | 99.5 | 60 N/A 02 | 300 | Y 709116. 1079166 | | | | | | | | |
| | 5600142-16 | 084 | 01 | 8.00 02 | 90 | 64.5 N/A 02 | 300 | Y 709718. 1078168 | | | | | | | | |
| | 5600142-17 | 084 | 01 | 8.00 02 | 110 | 55 N/A 02 | 300 | Y 714658. 1079946 | | | | | | | | |
| | 5600142-18 | 084 | 03 | 8.00 02 | 95 | 50 N/A 02 | 100 | Y 713893. 1078676 | | | | | | | | |
| | 5600142-19 | 084 | 01 | 8.00 02 | 95 | 60 N/A 02 | 275 | Y 703634. 1084638 | | | | | | | | |
| | 5600142-20 | 084 | 01 | 8.00 02 | 105 | 57 N/A 02 | 350 | Y 703319. 1085331 | | | | | | | | |
| | 5600142-21 | 084 | 02 | 8.00 02 | 90 | 45 N/A 02 | 200 | Y 706154. 1086953 | | | | | | | | |
| | 5600142-22 | 084 | 02 | 8.00 02 | 90 | 41.5 N/A 02 | 200 | Y 710191. 1086882 | | | | | | | | |
| 5600144W | 5600144-1 | 10.4 | 03 | 3.29 02 | 56 | 6/78 AG GW | 2 0 | D & L BRUNO | | 56 | | | | | | |
| | 5600144-2 | 072 | 01 | 4.00 02 | 800 | --- | FLOWFLO | 150 | N 663536. 1135880 | GW 08 | | | | | | |
| | | 072 | 01 | 6.00 02 | 1000 | --- | FLOWFLO | 400 | N 664156. 1135892 | GW 08 | | | | | | |
| 5600146W | 5600146-1 | 072 | 01 | 4.00 02 | --- | --- | FLOWFLO | 125 | N 696433. 1136029 | GW 08 | | | | | | |
| | 5600146-2 | 072 | 01 | 6.00 02 | --- | --- | FLOWFLO | 400 | N 696106. 1135308 | GW 08 | | | | | | |
| | 5600146-P1 | 072 | 01 | --- | --- | --- | --- | 6,000 | N 695174. 1134926 | SW 99 | DISCHARGE ONLY | | | | | |
| 5600147W | 5600147-1 | 072 | 01 | 6.00 02 | 700 | 300 FLOWFLO | 575 | N 666777. 1138918 | GW 08 | Cap. estimated | | | | | | |
| | 5600147-2 | 072 | 01 | 6.00 02 | 700 | 300 FLOWFLO | 575 | N 666824. 1137439 | GW 08 | " | | | | | | |
| | 5600147-3 | 072 | 01 | 6.00 02 | 700 | 300 FLOWFLO | 575 | N 666808. 1136164 | GW 08 | " | | | | | | |

| | | | | | | | | | | | | |
|------------|-----------|---------|-----------|---------|---------|--------|--------|-------------------------------------|---------------|-------------------------------|------------|------|
| 5600157-P2 | 072 02 | --- | 01 | --- | --- | 10 | 8000 | --- | 665461. | 1130412 | SV 99 | C-57 |
| 5600158W | 73.7 | 03 | 21.7 02 | 56 | 7/78 | AG GW | 3 0 | TEN MILE GROVES | | | 56 | |
| 5600158-1 | 083 02 | 6.00 | --- | --- | FL0MFLO | 190 | --- | 671182. | 1102575 | GW 08 | | |
| 5600158-2 | 083 02 | 6.00 | --- | --- | FL0MFLO | 225 | --- | 672458. | 1101551 | GW 08 | | |
| 5600158-3 | 083 02 | 4.00 | --- | --- | FL0MFLO | 95 | --- | 671506. | 1100418 | GW 08 | | |
| 5600159W | 5600159-1 | 12 | 03 | 7.47 02 | 56 | 7/78 | AG BOT | 1 | 1 RAY BODRIAS | | 56 | |
| 5600159-P1 | 072 02 | --- | 5 02 | --- | FL0MFLO | 180 | --- | 674159. | 1113353 | GW 08 | | |
| 5600160W | 4.4 | 03 | 3.00 02 | 56 | 7/78 | AG GW | 2 0 | WOOD & BOLDRIAS USED BY W. CARLTON) | | | 56 | |
| 5600160-1 | 072 02 | 4.00 02 | 84.0 | 124 | FL0MFLO | 164 | --- | 677619. | 1114847 | GW 08 | | |
| 5600160-2 | 072 02 | 4.00 02 | 1000 | --- | FL0MFLO | 130 | --- | 678876. | 1114861 | GW 08 * PERMIT IS EXPIRED | | |
| 5600161W | 19.12 | 03 | 11.2 02 | 56 | 7/78 | AG GW | 7 0 | PARADISE AQUARIUM INC. | | | 56 | |
| 5600161-1 | 073 02 | 5.00 02 | 700 | --- | FL0MFLO | 250 | --- | 70294. | 1110191 | GW 08 Cap. estimated | | |
| 5600161-2 | 073 02 | 6.00 02 | 700 | --- | FL0MFLO | 250 | --- | 709599. | 1110170 | GW 08 " | | |
| 5600161-3 | 073 02 | 6.00 02 | 700 | --- | FL0MFLO | 250 | --- | 709876. | 1110163 | GW 08 " | | |
| 5600161-4 | 073 02 | 6.00 02 | 700 | --- | FL0MFLO | 250 | --- | 709261. | 1110273 | GW 08 " | | |
| 5600161-5 | 073 02 | 6.00 02 | 700 | --- | FL0MFLO | 250 | --- | 709339. | 1109860 | GW 08 " | | |
| 5600161-6 | 073 02 | 6.00 02 | 700 | --- | FL0MFLO | 250 | --- | 708897. | 1110173 | GW 08 " | | |
| 5600161-7 | 073 02 | 3.00 02 | 600 | --- | FL0MFLO | 100 | --- | 708741. | 1110521 | GW 08 " | | |
| 5600162W | 633.59 | 03 | 233.2 02 | 56 | 4/88 | AG BOT | 4 | 7 PENN GROVES | | | 56 | |
| 5600162-1 | 072 01 | 6.00 02 | 950 | 300 | FL0MFLO | 150 | --- | 667360. | 1120213 | GW 08 | | |
| 5600162-2 | 072 01 | 6.00 02 | 950 | 300 | FL0MFLO | 150 | --- | 667423. | 1122874 | GW 08 | | |
| 5600162-3 | 072 01 | 4.00 02 | 950 | 250 | FL0MFLO | 50 | --- | 672194. | 1121398 | GW 08 | | |
| 5600162-4 | 072 01 | 4.00 02 | --- | --- | FL0MFLO | 50 | --- | 673087. | 1122050 | GW 08 Cap. estimated | | |
| 5600162-P1 | 072 01 | --- | 01 | --- | --- | 16 02 | 15000 | --- | 668028. | 1121450 | SV 99 C-56 | |
| 5600162-P2 | 072 01 | --- | 01 | --- | --- | 14 02 | 15000 | --- | 668352. | 1121453 | SV 99 C-55 | |
| 5600162-P3 | 072 01 | --- | 01 | --- | --- | 14 02 | 20000 | --- | 670767. | 1121331 | SV 99 C-55 | |
| 5600162-P4 | 072 01 | --- | 01 | --- | --- | 14 02 | 18000 | --- | 671039. | 1121337 | SV 99 C-54 | |
| 5600162-P5 | 072 01 | --- | 01 | --- | --- | 14 02 | 20000 | --- | 676103. | 1123641 | SV 99 C-55 | |
| 5600162-P6 | 072 01 | --- | 01 | --- | --- | 12 02 | 1700 | --- | 670793. | 1120003 | SV 99 C-56 | |
| 5600162-P7 | 072 01 | --- | 01 | --- | --- | 12 02 | 1500 | --- | 668076. | 1120083 | SV 99 C-56 | |
| 5600164W | 29.32 | 03 | 10.79 02 | 56 | 7/87 | AG BOT | 1 | 1 EASEN'S GROVE SERVICE | | | 56 | |
| 5600164-1 | 072 01 | 6.00 01 | 800 | 100 | FL0MFLO | 250 | --- | 674050. | 1123617 | GW 08 Cap. estimated | | |
| 5600164-P1 | 072 01 | --- | --- | --- | FL0MFLO | 3000 | --- | 673435. | 1121295 | SV 99 PORT..C-23 | | |
| 5600165W | 687.67 | 03 | 245.74 02 | 56 | 4/89 | AG | 44 1 | TEN MILE CREEK GROVES | | | 56 | |
| 5600165-1 | 072 01 | 8.00 | --- | --- | FL0MFLO | 1280 | --- | 669642. | 1118475 | GW 08 | | |
| 5600165-2 | 072 01 | 4.00 | --- | --- | FL0MFLO | 200 | --- | 688602. | 1110113 | GW 08 | | |
| 5600165-3 | 072 01 | 4.00 | --- | --- | FL0MFLO | 160 | --- | 689418. | 1118372 | GW 08 | | |
| 5600165-4 | 072 01 | 4.00 | --- | --- | FL0MFLO | 160 | --- | 688974. | 1117459 | GW 08 | | |
| 5600165-5 | 072 01 | 4.00 | --- | --- | FL0MFLO | 180 | --- | 688305. | 1116117 | GW 08 | | |
| 5600165-6 | 072 01 | 5.00 | --- | --- | FL0MFLO | 320 | --- | 688724. | 1116312 | GW 08 | | |
| 5600165-7 | 072 01 | 4.00 | --- | --- | FL0MFLO | 80 | --- | 688779. | 1114948 | GW 08 | | |
| 5600165-8 | 072 01 | 6.00 | --- | --- | FL0MFLO | 470 | --- | 687817. | 1115602 | GW 08 "PLUGGED, Cap estimated | | |
| 5600165-9 | 072 01 | 4.00 | --- | --- | FL0MFLO | 180 | --- | 687744. | 1115816 | GW 08 " | | |
| 5600165-10 | 072 03 | 4.00 | --- | --- | FL0MFLO | 180 | --- | 688696. | 1119325 | GW 08 " | | |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL MAX UTS CO ISS. DATE USE SRSNO. SW | PERMIT NO. | ALL UNT NO. DATE USE SRSNO. SW | CROP SOIL RAIN IRR IRR |
|------------|---|------------|--------------------------------|---|
| NUMBER | NO. SISDIA. CO ID CO INT TYP CAP. MTR? XPLNR SRC AG COMMENT | NUMBER | TYPE M.S. PMS | PERMIT NO. DEV NO. CO PERMIT NO. DEV NO. ST ACRES TYPE ST ACRES EFF |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. WELL DPTH | PHP PUN PUMP | PHP PUN PUMP | FLOW | FLOW | 450 | 450 | 450 | 450 | 450 | 450 |
|------------|-----------------|-----------------|-----------------------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | NO. SISDIA. | CO ID CO INT TYP CAP. | MTR? XPLNR SRC AG COMMENT | | | | | | | | |

| | | | | | | | | | | | | |
|------------|--------|---------|---------|---------|------|---------|-------|-------|-------|-------|-------|-------|
| 5600165-11 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 450 | 450 | 450 | 450 | 450 | 450 |
| 5600165-12 | 072 04 | 4.00 | ... ... | ... ... | FLOW | ... ... | 180 | 180 | 180 | 180 | 180 | 180 |
| 5600165-13 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 120 | 120 | 120 | 120 | 120 | 120 |
| 5600165-14 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 350 | 350 | 350 | 350 | 350 | 350 |
| 5600165-15 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 200 | 200 | 200 | 200 | 200 | 200 |
| 5600165-16 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 120 | 120 | 120 | 120 | 120 | 120 |
| 5600165-17 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 450 | 450 | 450 | 450 | 450 | 450 |
| 5600165-18 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 150 | 150 | 150 | 150 | 150 | 150 |
| 5600165-19 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| 5600165-20 | 072 03 | 4.00 | ... ... | ... ... | FLOW | ... ... | 120 | 120 | 120 | 120 | 120 | 120 |
| 5600165-21 | 072 01 | 3.00 | ... ... | ... ... | FLOW | ... ... | 150 | 150 | 150 | 150 | 150 | 150 |
| 5600165-22 | 072 03 | 4.00 | ... ... | ... ... | FLOW | ... ... | 120 | 120 | 120 | 120 | 120 | 120 |
| 5600165-23 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 80 | 80 | 80 | 80 | 80 | 80 |
| 5600165-24 | 072 03 | 4.00 | ... ... | ... ... | FLOW | ... ... | 120 | 120 | 120 | 120 | 120 | 120 |
| 5600165-25 | 072 03 | 4.00 | ... ... | ... ... | FLOW | ... ... | 120 | 120 | 120 | 120 | 120 | 120 |
| 5600165-26 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| 5600165-27 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 400 | 400 | 400 | 400 | 400 | 400 |
| 5600165-28 | 072 01 | 5.00 | ... ... | ... ... | FLOW | ... ... | 325 | 325 | 325 | 325 | 325 | 325 |
| 5600165-29 | 072 01 | 5.00 | ... ... | ... ... | FLOW | ... ... | 250 | 250 | 250 | 250 | 250 | 250 |
| 5600165-30 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 400 | 400 | 400 | 400 | 400 | 400 |
| 5600165-31 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 150 | 150 | 150 | 150 | 150 | 150 |
| 5600165-32 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 225 | 225 | 225 | 225 | 225 | 225 |
| 5600165-33 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 500 | 500 | 500 | 500 | 500 | 500 |
| 5600165-34 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| 5600165-35 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 120 | 120 | 120 | 120 | 120 | 120 |
| 5600165-36 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 350 | 350 | 350 | 350 | 350 | 350 |
| 5600165-37 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 350 | 350 | 350 | 350 | 350 | 350 |
| 5600165-38 | 072 03 | 5.00 | ... ... | ... ... | FLOW | ... ... | 300 | 300 | 300 | 300 | 300 | 300 |
| 5600165-39 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 200 | 200 | 200 | 200 | 200 | 200 |
| 5600165-40 | 072 03 | 5.00 | ... ... | ... ... | FLOW | ... ... | 300 | 300 | 300 | 300 | 300 | 300 |
| 5600165-41 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 01 | 01 | 01 | 01 | 01 | 01 |
| 5600165-42 | 072 01 | 4.00 | ... ... | ... ... | FLOW | ... ... | 140 | 140 | 140 | 140 | 140 | 140 |
| 5600165-43 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| 5600165-44 | 072 01 | 6.00 | ... ... | ... ... | FLOW | ... ... | 350 | 350 | 350 | 350 | 350 | 350 |
| 5600165-P1 | 072 01 | ... ... | ... ... | ... ... | FLOW | ... ... | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 |

| | | | | | | | | | | | | | | |
|------------|--------|-----|----------|------|--------------|---------|--|-----------------|-----------------|----|----------------|----|-----|-----|
| 5600166W | 59.43 | .03 | 21.87 02 | 56 | 7/87 AG BOT | 1 | 1 LYNN, KUMP & STATTIE(CASSEN'S GROVE) | 56 | .08 | 13 | .8 | 11 | 76 | .50 |
| 5600166-1 | .072 | .01 | 8.00 02 | 800 | 100 FLOWFLO | 700 | --- | 672209. 1130767 | GW | 08 | | | | |
| 5600166-2 | .072 | .01 | --- | --- | --- | 10000 | --- | 673408. 1130772 | SW | 99 | C-54, Cap est. | | | |
| 5600167W | 14.07 | .03 | 5.18 02 | 56 | 1/89 AG GW | 1 0 | W. STATTLE(CASSEN'S GROVE) | 56 | .08 | 13 | .8 | 11 | 18 | .50 |
| 5600167-1 | .073 | .01 | 4.00 02 | 1200 | 400 FLOWFLO | 150 | --- | 703994. 1126460 | GW | 08 | | | | |
| 5600168W | 179.38 | .03 | 66.02 02 | 56 | 4/89 AG BOT | 3 | 1 W.E. REUTER (SHAMROCK GROVES) | 56 | .08 | 13 | .8 | 11 | 390 | .85 |
| 5600168-1 | .072 | .01 | 8.00 02 | 300 | 250 FLOWFLO | 780 | --- | 680290. 1121626 | GW | 08 | | | | |
| 5600168-2 | .072 | .03 | 5.00 02 | 300 | 250 --- | 250 | --- | 679564. 1119253 | GW | 08 | Cap est. | | | |
| 5600168-3 | .072 | .01 | 8.00 02 | 300 | 250 FLOWFLO | 780 | --- | 680973. 1118846 | GW | 08 | | | | |
| 5600168-P1 | .072 | .01 | --- | 01 | --- | 12 02 | 180000 | --- | 678931. 1121511 | SW | 99 | | | |
| 5600169W | 49.67 | .03 | 18.28 02 | 56 | 3/89 AG BOT | 2 | 1 ED SALL GROVE #6 | 56 | .08 | 13 | 1.5 | 11 | 80 | .85 |
| 5600169-1 | .061 | .01 | 6.00 02 | 750 | 294 FLOWFLO | 300 | --- | 682334. 1168945 | GW | 08 | | | | |
| 5600169-2 | .061 | .01 | 6.00 02 | 750 | 294 FLOWFLO | 400 | --- | 683646. 1168912 | GW | 08 | | | | |
| 5600169-P1 | .061 | .01 | --- | 01 | --- | 15 01 | 70000 | --- | 684184. 1168342 | SW | 99 | | | |
| 5600170W | 32.6 | .03 | 16.00 02 | 56 | 3/78 AG BOT | 1 | 2 MK GROVES | 56 | .08 | 13 | .8 | 11 | 81 | .50 |
| 5600170-1 | .061 | .01 | 12.00 | --- | --- | FLOWFLO | 900 | --- | 693576. 1156095 | GW | 08 | | | |
| 5600170-P1 | .061 | .01 | --- | --- | --- | 01 | 60000 | --- | 692316. 1157414 | SW | 99 | | | |
| 5600170-P2 | .061 | .01 | --- | --- | --- | 01 | 60000 | --- | 694756. 1158699 | SW | 99 | | | |
| 5600171W | 6.03 | .03 | 3.00 02 | 56 | 3/78 AG BOT | 1 | 1 CAD HOWARD | 56 | .08 | 13 | .8 | 11 | 9 | .50 |
| 5600171-1 | .072 | .01 | 5.00 02 | 850 | 140 FLOWFLO | 100 | --- | 699786. 1141006 | GW | 08 | | | | |
| 5600171-P1 | .072 | .01 | --- | --- | --- | 01 | 700 | --- | 698832. 1140959 | SW | 99 | | | |
| 5600172W | 48.3 | .03 | 27.8 02 | 56 | 3/78 ag bot | 4 | 2 C.FANSETT JR. | 56 | .08 | 13 | 1.5 | 11 | 160 | .50 |
| 5600172-1 | .061 | .01 | 6.00 02 | 1000 | 250 FLOWFLO | 300 | --- | 681767. 1161503 | GW | 08 | | | | |
| 5600172-2 | .061 | .01 | 6.00 02 | 1000 | 250 FLOWFLO | 300 | --- | 681816. 1160398 | GW | 08 | | | | |
| 5600172-3 | .061 | .01 | 6.00 02 | 1000 | 250 FLOWFLO | 300 | --- | 682941. 1161697 | GW | 08 | | | | |
| 5600172-4 | .061 | .01 | 6.00 02 | 1000 | 250 FLOWFLO | 300 | --- | 683301. 1160368 | GW | 08 | | | | |
| 5600172-P1 | .061 | .01 | --- | --- | --- | 10000 | --- | 684076. 1160261 | SW | 99 | | | | |
| 5600172-P2 | .061 | .01 | --- | --- | --- | 8000 | --- | 681711. 1160214 | SW | 99 | | | | |
| 5600173W | 20.7 | .03 | 7.62 02 | 56 | 4/89 AG GW | 2 0 | GATES & GATES | 56 | .08 | 13 | 1.5 | 11 | 45 | .85 |
| 5600173-1 | .072 | .01 | 4.00 02 | 800 | 150 --- | 100 | --- | 692279. 1146315 | GW | 08 | Cap est. | | | |
| 5600173-2 | .072 | .01 | 4.00 02 | 800 | 150 --- | 100 | --- | 692230. 1144956 | GW | 08 | Cap est. | | | |
| 5600174W | 18.4 | .03 | 6.77 02 | 56 | 5/89 AG BOT | 1 | 1 ESTATE OF PIPPEN(NITE GROVE) | 56 | .08 | 13 | 1.5 | 11 | 40 | .85 |
| 5600174-P1 | .061 | .01 | 6.00 02 | 800 | 300 FLOWFLO | 250 | --- | 681194. 1168109 | GW | 08 | | | | |
| 5600175W | 13.6 | .03 | 5.08 02 | 56 | 3/89 AG GW | 1 0 | EDSALL GROVE #1 | 56 | .08 | 13 | 1.5 | 11 | 30 | .85 |
| 5600175-1 | .061 | .01 | 6.00 02 | 1200 | 248 FLOWFLO | 800 | --- | 686629. 1167300 | GW | 08 | | | | |
| 5600176W | 91.9 | .03 | 33.8 02 | 56 | 3/78 AGR bot | 8 0 | SEXTON, CHARLES R SR. | 56 | .08 | 13 | 8 | 11 | 200 | .85 |
| 5600176-1 | .61 | .01 | 6.02 | 750 | 250 --- | 400 | --- | 689057. 1167810 | GW | 08 | | | | |
| 5600176-2 | .61 | .01 | 5.02 | 650 | 250 --- | 250 | --- | 689546. 1168165 | GW | 08 | | | | |
| 5600176-3 | .61 | .01 | 4.02 | 650 | 250 --- | 100 | --- | 689023. 1169995 | GW | 08 | | | | |
| 5600176-4 | .61 | .01 | 5.02 | 700 | 260 | 250 | --- | 688319. 1170675 | GW | 08 | | | | |
| 5600176-5 | .61 | .01 | 5.02 | 700 | 260 | 250 | --- | 686250. 1170948 | GW | 08 | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL. | MAX. | MO. | DATE USE | SRNO. | SW | CO PERMIT NO. | DEV NO. | AQTYPE | ST | ACRES | EFF |
|------------|------|------|-----|----------|-------|----|---------------|---------|--------|----|-------|-----|
|------------|------|------|-----|----------|-------|----|---------------|---------|--------|----|-------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. | WELL NO. | DPWN CD | PUMP TIP CAP. | MTR? | KPLNR | YPLNR | SRC | AG COMMENTS |
|------------|-----------------|-------|----------|---------|---------------|------|-------|-------|-----|-------------|
|------------|-----------------|-------|----------|---------|---------------|------|-------|-------|-----|-------------|

| | | | | | | | CROP | SOIL | RAIN | IRR | IRR |
|----------------|------|----|---------|-----------|-----|-----|------------------------------|--------|---------|-----|-----|
| 5600176-6 | 61 | 1 | 6 02 | 750 | 260 | 4 | 400 | 688025 | 1170779 | GW | 08 |
| 5600176-7 | 61 | 1 | 5 02 | 700 | 260 | 4 | 250 | 687716 | 1170863 | GW | 08 |
| 5600176-8 | 61 | 1 | 5 02 | 700 | 260 | 4 | 250 | 687400 | 1170400 | GW | 08 |
| 5600177N | 19.2 | 03 | 8.6 02 | 31678 AGR | GW | 1 1 | DONNIE, COLONEL V | | | | |
| 5600177-p1 | 61 | 1 | 5 02 | 31678 AGR | GW | 4 | 200 | 680156 | 1162017 | GW | 08 |
| | | | | | | 1 | 3000 | 678223 | 1161735 | SW | 99 |
| 5600178N | 15.6 | 03 | 5.7 02 | 31678 AGR | bot | 1 | 1 CENTRAL GROVE CORP | | | | |
| 5600178-1 | 61 | 1 | 4 02 | 1000 | 350 | 4 | 100 | 694317 | 1153416 | GW | 08 |
| 5600178-1s | 61 | 1 | 4 02 | 850 | 300 | 4 | 250 | 694559 | 1153459 | SW | 99 |
| FPTD0-Portable | | | | | | 3 | | | | | |
| 5600179N | 29.7 | 03 | 10.9 02 | 31678 AGR | GW | 1 0 | STONE, CHARLES JR | | | | |
| 5600179-1 | 61 | 1 | 10 02 | 900 | 375 | 4 | 600 | 685066 | 1167567 | GW | 08 |
| | | | | | | 5 | | | | | |
| 5600180N | 26.2 | 03 | 9.6 02 | 31678 AGR | GW | 3 0 | PIPPIN, ESTATE OF O. F. | | | | |
| 5600180-1 | 61 | 1 | 8 02 | 1000 | 300 | 4 | 500 | 678150 | 1164365 | GW | 08 |
| 5600180-2 | 61 | 1 | 6 02 | 850 | 300 | 4 | 100 | 678482 | 1164964 | GW | 08 |
| 5600180-3 | 61 | 1 | 6 02 | 850 | 300 | 4 | 250 | 678806 | 1165527 | GW | 08 |
| | | | | | | 3 | | | | | |
| 5600181N | 25.3 | 03 | 9.3 02 | 31678 AGR | bot | 2 | 1 CASSENS GROVE SERVICE, INC | | | | |
| 5600181-1 | 61 | 1 | 10 02 | 140 | 80 | 1 | 800 | 683671 | 1164692 | GW | 08 |
| 5600181-2 | 61 | 1 | 10 02 | 140 | 80 | 1 | 800 | 683471 | 1164692 | GW | 08 |
| 5600181-15 | 61 | 1 | 10 02 | 140 | 80 | 1 | 800 | 684166 | 1164304 | SW | 99 |
| FPTD0 | | | | | | 3 | | | | | |
| 5600182N | 28.9 | 03 | 6.9 02 | 31678 AGR | GW | 1 0 | RUSSAKIS, JIM | | | | |
| 5600182-1 | 61 | 1 | 4 02 | 31678 AGR | GW | 4 | 160 | 686180 | 1155555 | GW | 08 |
| | | | | | | 5 | | | | | |
| 5600183N | 68.9 | 03 | 25.3 02 | 31678 AGR | GW | 8 0 | MCALLISTER, DONALD H | | | | |
| 5600183-1 | 61 | 1 | 4 02 | 550 | 225 | 4 | 100 | 684235 | 1170750 | GW | 08 |
| 5600183-2 | 61 | 1 | 6 02 | 750 | 250 | 4 | 400 | 683046 | 1170879 | GW | 08 |
| 5600183-3 | 61 | 1 | 6 02 | 800 | 250 | 4 | 750 | 682885 | 1170746 | GW | 08 |
| 5600183-4 | 61 | 1 | 4 02 | 550 | 225 | 4 | 100 | 682032 | 1171135 | GW | 08 |
| 5600183-5 | 61 | 1 | 6 02 | 750 | 250 | 4 | 400 | 681902 | 1170835 | GW | 08 |
| 5600183-6 | 61 | 1 | 5 02 | 700 | 250 | 4 | 250 | 682362 | 1169693 | GW | 08 |
| 5600183-7 | 61 | 1 | 5 02 | 700 | 250 | 4 | 250 | 683719 | 1169880 | GW | 08 |

| | | | | | | | | | | | |
|------------|-----------|----|-------|-------|---------|---------|----------------------------------|---------------------------|----------------------|----------------------------------|---------------------|
| 5600198-4 | 72 | 1 | 4.02 | 4 | 75 | 694647. | 1140648 | GW | 08 | HOUSE ONLY | |
| 5600198-6 | 72 | 1 | 02 | 1 | 3000 | 692215. | 1140637 | SU | 99 | PORTABLE PUMP FROM C-25 CANAL | |
| 5600199W | 101.6 | 03 | 37.49 | 02 | 31678 | AGR bot | 6 | 1 PLATTS GROVES, INC | 08 | | |
| 5600199W | 5600199-1 | 72 | 1 | 6.02 | 1000 | 350 | 4 | 300 | 690862 | 1147055 | |
| 5600199-2 | 72 | 1 | 4.02 | 750 | 300 | 4 | 150 | 697955 | 1147416 | GW | |
| 5600199-3 | 72 | 1 | 6.02 | 1100 | 350 | 4 | 250 | 699374 | 1148743 | GW | |
| 5600199-4 | 72 | 1 | 5.02 | 800 | 325 | 4 | 175 | 696171 | 1149200 | GW | |
| 5600199-5 | 72 | 1 | 4.02 | 700 | 300 | 4 | 100 | 698057 | 1148882 | GW | |
| 5600199-6 | 72 | 1 | 5.02 | 800 | 300 | 4 | 150 | 698219 | 1150264 | GW | |
| 5600199-1S | 72 | 1 | 02 | 1 | 800 | 1 | 800 | 690519 | 1150264 | SU | |
| 5600200W | 36.8 | 03 | 13.54 | 02 | 31678 | AGR BOT | 7 1 | LELLY, KENNETH | 06 | NEW PERMIT HOLDER AS OF JAN/ '90 | |
| 5600200-1 | 61 | 1 | 6.02 | 800 | 150 | 4 | 260 | 680835. | 1167781 | GW | |
| 5600200-2 | 61 | 1 | 4.02 | 800 | 150 | 4 | 100 | 687584. | 1167860 | GW | |
| 5600200-3 | 61 | 1 | 4.02 | 800 | 150 | 4 | 100 | 688038. | 1167175 | GW | |
| 5600200-4 | 61 | 1 | 4.02 | 800 | 150 | 4 | 100 | 688219. | 1168974 | GW | |
| 5600200-5 | 61 | 1 | 4.02 | 800 | 150 | 4 | 100 | 689297. | 1167282 | GW | |
| 5600200-6 | 61 | 1 | 4.02 | 800 | 150 | 4 | 100 | 690198. | 1167085 | GW | |
| 5600200-P1 | 61 | 1 | 02 | 800 | 150 | 4 | 100 | 687945. | 1167781 | SU | |
| 5600201W | 5600201-1 | 61 | 1 | 13.9 | 02 | 31678 | AGR GW | 2 0 | MATTHEWS, E. B. | 08 | FROM INTERNAL DITCH |
| 5600201-1 | 61 | 1 | 6.02 | 1000 | 300 | 4 | 175 | 683175 | 1162575 | GW | |
| 5600201-2 | 61 | 1 | 8.02 | 1000 | 300 | 4 | 305 | 6822774 | 1162180 | GW | |
| 5600202W | 32.9 | 03 | 16.9 | 02 | 31678 | AGR GW | 2 | 2 CUSTOM AGRICULTURAL ERV | 08 | | |
| 5600202-1 | 61 | 1 | 6.02 | 1000 | 300 | 4 | 240 | 680522 | 1160086 | GW | |
| 5600202-2 | 61 | 1 | 4.02 | 1000 | 300 | 4 | 240 | 680474 | 1158745 | GW | |
| 5600202-15 | 61 | 1 | 02 | 700 | 300 | 4 | 3 | 680959 | 1158862 | SU | |
| 5600202-25 | 61 | 1 | 02 | 700 | 300 | 4 | 3 | 10000 | 681643 | 1161410 | SU |
| 5600203W | 5600203-1 | 61 | 1 | 5.4 | 02 | 31678 | AGR GW | 3 0 | PIPPIN, ESTATE OF | 08 | |
| 5600203-1 | 61 | 1 | 12.02 | 1000 | 300 | 4 | 800 | 679807 | 1163703 | GW | |
| 5600203-2 | 61 | 1 | 5.02 | 900 | 300 | 4 | 100 | 679783 | 1163397 | GW | |
| 5600203-3 | 61 | 1 | 4.02 | 700 | 300 | 4 | 75 | 680285 | 1163503 | GW | |
| 5600204W | 5600204-1 | 61 | 1 | 13.5 | 02 | 31678 | AGR GW | 1 0 | DENSING GROVES, INC. | 08 | |
| 5600204-1 | 61 | 1 | 8.02 | 1150 | 300 | 4 | 450 | 694258 | 1157956 | GW | |
| 5600205W | 5600205-1 | 61 | 1 | 11.5 | 02 | 31678 | AGR bot | 1 | 1 PLATT GROVES, INC. | 08 | |
| 5600205-1S | 61 | 1 | 6.02 | 900 | 350 | 4 | 250 | 690319 | 1153573 | GW | |
| 5600206-1S | 72 | 1 | 1 | 10 | 3 | 3000 | 689739 | 1153012 | SU | | |
| 5600206W | 5600206-1 | 72 | 3 | 7.62 | 02 | 31678 | AGR bot | 3 | 1 PLATT GROVES, INC. | 08 | |
| 5600206-2 | 72 | 3 | 6.02 | 1000 | 350 | 4 | 250 | 691221 | 1146569 | GW | |
| 5600206-3 | 72 | 3 | 4.02 | 800 | 300 | 4 | 100 | 691659 | 1146568 | GW | |
| 5600206-1S | 72 | 1 | 4.02 | 600 | 300 | 4 | 75 | 691036 | 1147772 | GW | |
| 5600207W | 8.2 | 03 | 3.02 | 31678 | AGR bot | 1 | 1 NORTHERN TRUST BANK OF FLORIDA | C-5 | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use • Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | NO. DTS CO | DATE ISS. | USE SU | SCNO. WLS. | PWPS | OWNER | CO PERMIT NO. | DEV NO. | AQTYPE | SOIL TYPE | IRR ST | ACRES EFF |
|------------|----------|------------------|------------|-----------|--------|------------|------|-------|---------------|---------|--------|-----------|--------|-----------|
|------------|----------|------------------|------------|-----------|--------|------------|------|-------|---------------|---------|--------|-----------|--------|-----------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use • Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL SISDIA. | OPTN COD TO | PUMP CD INT TYP | PUMP CAP. MTR? | XPLNR SRC | AO COMMENTS |
|------------|-----------------|-----------|--------------|-------------|-----------------|----------------|-----------|-------------|
|------------|-----------------|-----------|--------------|-------------|-----------------|----------------|-----------|-------------|

| | | | | | | | | | | | | | | | | | | | |
|------------|-----------|------|-------|------|-------|---------|---------|-------|-----------------|-------------------------|---------|----|----------------------------------|-----------------|-----|-----|----|-----|-----|
| 5600207-1 | 72 | 1 | 5 | 02 | 600 | 280 | 4 | 150 | 697055 | 1144876 | GW | 08 | | | | | | | |
| 5600207-1s | 72 | 1 | 5 | 1 | 0 | 10000 | 1 | 10000 | 697486 | 1144516 | SW | 99 | C-3 | | | | | | |
| 5600208W | 83 | 03 | 52.1 | 02 | 31673 | AGR SW | .6 | 0 | HAMILTON, LARRY | | | | .08 | .13 | 1.5 | 11 | 20 | .85 | |
| 5600208W | 5600208-1 | 61 | 1 | 6 | 02 | 700 | 140 | 4 | 150 | 6804420 | 1170666 | GW | 08 | | | | | | |
| 5600208-2 | 61 | 1 | 6 | 02 | 700 | 140 | 4 | 150 | 681230 | 1169389 | GW | 08 | | | | | | | |
| 5600208-3 | 61 | 1 | 6 | 02 | 900 | 240 | 4 | 300 | 680214 | 1170844 | GW | 08 | | | | | | | |
| 5600208-4 | 61 | 1 | 5 | 02 | 800 | 140 | 4 | 150 | 680253 | 1172997 | GW | 08 | | | | | | | |
| 5600208-5 | 61 | 1 | 5 | 02 | 800 | 140 | 4 | 150 | 661592 | 1172385 | GW | 08 | | | | | | | |
| 5600208-6 | 61 | 1 | 5 | 02 | 950 | 140 | 4 | 300 | 682342 | 1172656 | GW | 08 | | | | | | | |
| 5600209W | 5600209-1 | 72 | 1 | 2-8 | 02 | 31678 | AGR bot | 1 | 1 | HELSETH, HAROLD & BETTY | | | | .08 | .13 | 0.8 | 11 | 17 | .85 |
| 5600209-1s | 72 | 1 | 5 | 02 | 940 | 280 | 4 | 150 | 696521 | 1145446 | GW | 08 | | | | | | | |
| 5600210W | 301 | 03 | 110.8 | 02 | 31678 | AGR bot | 5 | 100 | 696021 | 1145446 | SW | 99 | C-3 / also listed, LOC. IS GLESS | | | | | | |
| 5600210-1 | 61 | 1 | 4 | 02 | | | | | 685285 | 1166760 | GW | 08 | | | | | | | |
| 5600210-2 | 61 | 1 | 4 | 02 | | | | | 686349 | 1166791 | GW | 08 | Cap estimated | | | | | | |
| 5600210-3 | 61 | 1 | 8 | 02 | | | | | 685972 | 1164055 | GW | 08 | | | | | | | |
| 5600210-4 | 61 | 1 | 4 | 02 | | | | | 686349 | 1163972 | GW | 08 | | | | | | | |
| 5600210-5 | 61 | 1 | 4 | 02 | | | | | 685090 | 1162336 | GW | 08 | | | | | | | |
| 5600210-6 | 61 | 1 | 4 | 02 | | | | | 686730 | 1162234 | GW | 08 | | | | | | | |
| 5600210-7 | 61 | 1 | 4 | 02 | | | | | 685768 | 1165977 | GW | 08 | | | | | | | |
| 5600210-8 | 61 | 1 | 4 | 02 | | | | | 685640 | 1161304 | GW | 08 | | | | | | | |
| 5600210-9 | 61 | 1 | 4 | 02 | | | | | 684585 | 1160562 | GW | 08 | | | | | | | |
| 5600210-10 | 61 | 1 | 4 | 02 | | | | | 686547 | 1159776 | GW | 08 | | | | | | | |
| 5600210-11 | 61 | 1 | 4 | 02 | | | | | 685766 | 1159127 | GW | 08 | | | | | | | |
| 5600210-12 | 61 | 1 | 4 | 02 | | | | | 684817 | 1164052 | GW | 08 | | | | | | | |
| 5600210-13 | 61 | 1 | 4 | 02 | | | | | 686445 | 1165161 | GW | 08 | | | | | | | |
| 5600210-14 | 61 | 1 | 4 | 02 | | | | | 684434 | 1165289 | SW | 99 | Ft. Pierce Farms DD | | | | | | |
| 5600210-15 | 61 | 1 | 2 | 02 | | | | | 684425 | 1162105 | SW | 99 | Ft. Pierce Farms DD | | | | | | |
| 5600210-25 | 61 | 1 | 2 | 02 | | | | | 684668 | 1161321 | SW | 99 | Ft. Pierce Farms DD | | | | | | |
| 5600210-35 | 61 | 1 | 2 | 02 | | | | | 12000 | | | | | | | | | | |
| 5600211W | 5600211-1 | 30.2 | 03 | 17.4 | 02 | 31678 | AGR SW | 3 | 410 | CASSINS GROVE SERVIC | | | | .08 | .13 | 1.5 | 11 | 100 | .50 |
| | | | | | | | | | | 690350 | 1151929 | GW | 08 | for Spray Tanks | | | | | |

| | | | | | | | | |
|------------|------|----|---------|---------------|-----|------------------------------|--------------------|----------------------------------|
| 5600211-2 | 61 | 1 | 5 02 | | 3 | 175 | 690032 1151576 GW | 08 for spray tanks |
| 5600211-3 | 61 | 1 | 4 02 | | 3 | 160 | 691160 1151595 GW | 08 |
| 5600211-1s | 61 | 1 | 24 02 | | 1 | 5000 | 691560 1151895 SW | 99 24", 2 WAY PUMP MAIN CANAL #1 |
| 5600212W | 58.6 | 03 | 21.5 02 | 31678 AGR bot | 6 | 1 GATES, PHILIP C | | |
| 5600212W | 16.1 | 03 | 5.9 02 | | 175 | 690555 1141758 GW | 08 | |
| 5600212-1 | 72 | 1 | 4 02 | 800 | 4 | 150 | 690555 1141758 GW | 08 |
| 5600212-2 | 72 | 1 | 4 02 | 800 | 4 | 150 | 697301 1141916 GW | 08 |
| 5600212-3 | 72 | 1 | 5 02 | 800 | 4 | 250 | 697666 1142464 GW | 08 |
| 5600212-4 | 72 | 1 | 4 02 | 800 | 4 | 150 | 698604 1142042 GW | 08 |
| 5600212-5 | 72 | 1 | 5 02 | 800 | 4 | 250 | 698477 1141382 GW | 08 |
| 5600212-6 | 72 | 1 | 6 02 | 900 | 4 | 385 | 697682 1141356 GW | 08 |
| 5600212-5 | 72 | 2 | 02 | | 3 | 8000 | 698242 1142794 SW | |
| | | | | | | C-1 | | |
| 5600213W | 26.7 | 03 | 7.9 02 | 31678 AGR SW | 3 0 | CASSINS GROVE SERVICE | | |
| 5600213-1 | 72 | 1 | 5 02 | | 4 | 170 | 698334 1144804 GW | 08 |
| 5600213-2 | 72 | 1 | 4 02 | | 4 | 100 | 699901 1145275 GW | 08 |
| 5600213-3 | 72 | 1 | 5 02 | | 4 | 170 | 690355 1144756 GW | 08 |
| 5600214W | 55.1 | 03 | 20.3 02 | 31678 AGR bot | 12 | 1 GATES, P.C. & C.B., JR. | | |
| 5600214-1 | 61 | 1 | 5 02 | 800 | 4 | 150 | 696558 1151810 GW | 08 Check permit boundary |
| 5600214-2 | 72 | 1 | 5 02 | 800 | 4 | 275 | 697277 1151037 GW | 08 on overlays they |
| 5600214-3 | 72 | 1 | 4 02 | 800 | 4 | 200 | 695400 1150726 GW | 08 added 80 acres sec 25 |
| 5600214-4 | 72 | 1 | 4 02 | 800 | 4 | 181 | 696512 1150662 GW | 08 |
| 5600214-5 | 72 | 1 | 5 02 | 800 | 4 | 295 | 697203 1150431 GW | 08 |
| 5600214-6 | 72 | 1 | 4 02 | 800 | 4 | 160 | 696669 1150366 GW | 08 |
| 5600214-7 | 72 | 1 | 5 02 | 800 | 4 | 250 | 695324 1150108 GW | 08 |
| 5600214-8 | 72 | 1 | 4 02 | 800 | 4 | 181 | 695673 1150094 GW | 08 |
| 5600214-9 | 72 | 1 | 4 02 | 800 | 4 | 160 | 694597 1150113 GW | 08 |
| 5600214-10 | 72 | 1 | 5 02 | 800 | 4 | 295 | 697167 1150056 GW | 08 |
| 5600214-11 | 72 | 1 | 5 02 | 800 | 4 | 250 | 6943373 1148630 GW | 08 |
| 5600214-12 | 72 | 1 | 5 02 | 800 | 4 | 250 | 697023 1148807 GW | 08 |
| 5600214-1S | 2 | | 02 | | 3 | 8000 | 697023 1148807 SW | 99 C-3, LOC. IS GUESS |
| 5600215W | 60.8 | 03 | 22.3 02 | 31678 AGR SW | 4 0 | CASSEINS GROVE SERVICE, INC. | | |
| 5600215-1 | 61 | 1 | 8 02 | 1200 | 4 | 610 | 679559 1160068 GW | 08 |
| 5600215-2 | 61 | 1 | 8 02 | 1200 | 4 | 610 | 687330 1160105 GW | 08 |
| 5600215-3 | 61 | 1 | 8 02 | 1200 | 4 | 250 | 679300 1161200 GW | 08 for Spray Tanks, LOC IS GUESS |
| 5600215-4 | 61 | 1 | 4 02 | 1200 | 4 | 100 | 680546 1161701 GW | 08 |
| 5600216W | 20.2 | 03 | 7.45 02 | 31678 AGR SW | 3 0 | RUSSARIS, JIM G | | |
| 5600216-1 | 61 | 1 | 4 02 | 700 | 4 | 75 | 690030 1156438 GW | 08 J.L. PLOTTED |
| 5600216-2 | 61 | 1 | 4 02 | 700 | 4 | 75 | 689791 1157138 GW | 08 acreage sold |
| 5600216-3 | 61 | 1 | 4 02 | 700 | 4 | 75 | 690200 1157188 GW | 08 WATER SURVEY 850 MG/L |
| 5600217W | 7.6 | 03 | 2.7 02 | 31678 AGR SW | 2 0 | HELSETH, HAROLD & BETTY | | |
| 5600217-1 | 72 | 1 | 4 02 | 960 | 4 | 75 | 693256 1145005 GW | 08 |
| 5600217-2 | 72 | 1 | 6 02 | 960 | 4 | 150 | 692259 1144974 GW | 08 |
| 5600218W | 36.4 | 03 | 11.6 02 | 31678 AGR SW | 2 0 | HARDWICK GROVES | | |
| 5600218-1 | 61 | 1 | 6 02 | | 4 | 150 | 699332 1156129 GW | 08 Well broken open |
| 5600218-2 | 61 | 1 | 6 02 | | 4 | 200 | 696600 1158071 GW | 08 |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | NO. USE SRSNO. | DATE ISS. | UTS CO | TYPE M/S. | PAPS. | OWNER | SN | CO | PERMIT NO. | DEV NO. | ACTYPE | ST | ACRES | EFF | | | | | | |
|------------|-----|------------------|----------------|-----------|--------|-----------|-------|-------|--------------|----|------------|---------|---------|----|-------|-----|----|-----|----|----|-----|--|
| 5600219W | | 5600219-1 | 61 | 1 | 3 | 03 | 3.3 | 02 | 31678 AGR SW | 4 | 275 | 692126 | 1152538 | GU | 08 | 08 | 13 | 1.5 | 11 | 19 | .50 | |
| | | 5600219-2 | 61 | 1 | 3 | 02 | 6.02 | | | 4 | 100 | 6980277 | 1152764 | GU | 08 | | | | | | | |

LINE 2+ HEADINGS: (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. | DPHN | UTS CO | TD | CD | INT | TYP | CAP. | MTR? | XPLNR | YPLNR | SRC | AQ | COMENTS | | | | |
|------------|-----------------|-----------|----------|------|--------|-----|----|--------------|-----|------|--------------|-----------|------------|-----|----|---------|-----|----|----|-----|
| 5600220W | 5600220-1 | 72 | 1 | 10.9 | 03 | 3.4 | 02 | 31678 AGR SW | 4 | 10 | TRIPLE N & S | INDIANOLA | GROVES, IN | | 08 | 13 | 1.5 | 11 | 20 | .50 |
| | | | | | | | | | | 610 | 690071 | 1146109 | GU | 08 | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----------|-----------|------------|----|------|----|-----|------|---------------|---|-------|----------------|----------|----|----|--|----|-----|----|----|-----|
| 5600221W | 5600221-1 | 61 | 1 | 10.3 | 03 | 3.3 | 02 | 31678 AGR SW | 4 | 2.0 | HARDICK GROVES | | | | 08 | 13 | 1.5 | 11 | 19 | .50 |
| | | 5600221-2 | 61 | 1 | 5 | 02 | 5.02 | 31678 AGR SW | 4 | 158 | 6830064 | 1150639 | GU | 08 | | | | | | |
| | | 5600221-3 | 61 | 1 | 4 | 02 | 4.02 | | 4 | 122 | 6810114 | 1157579 | GU | 08 | | | | | | |
| | | 5600221-4 | 61 | 1 | 4 | 02 | 8.02 | 31678 AGR bot | 4 | 100 | 6830119 | 1157574 | GU | 08 | | | | | | |
| | | 5600221-5 | 61 | 1 | 3 | 02 | 4.02 | | 4 | 810 | 683301 | 1157045 | GU | 08 | | | | | | |
| | | 5600221-6 | 61 | 3 | 4 | 02 | 4.02 | | 4 | 100 | 685832 | 11581346 | GU | 08 | Cap estimated | | | | | |
| | | 5600221-7 | 61 | 3 | 5 | 02 | 5.02 | | 4 | 100 | 6850000 | 1156032 | GU | 08 | " | | | | | |
| | | 5600221-8 | 61 | 1 | 4 | 02 | 4.02 | | 4 | 159 | 684385 | 1155674 | GU | 08 | | | | | | |
| | | 5600221-9 | 61 | 1 | 6 | 02 | 4.02 | | 4 | 150 | 684500 | 1154578 | GU | 08 | | | | | | |
| | | 5600221-10 | 61 | 1 | 5 | 02 | 4.02 | | 4 | 352 | 685096 | 1153509 | GU | 08 | | | | | | |
| | | 5600221-11 | 61 | 1 | 6 | 02 | 4.02 | | 4 | 250 | 686114 | 1153181 | GU | 08 | | | | | | |
| | | 5600221-12 | 61 | 1 | 4 | 02 | 4.02 | | 4 | 410 | 687424 | 1152807 | GU | 08 | | | | | | |
| | | 5600221-13 | 61 | 1 | 4 | 02 | 4.02 | | 4 | 150 | 687944 | 1151836 | GU | 08 | | | | | | |
| | | 5600221-14 | 61 | 1 | 6 | 02 | 4.02 | | 4 | 200 | 687154 | 1151629 | GU | 08 | LOC. WELL 14 IS GUESS | | | | | |
| | | 5600221-15 | 72 | 1 | 4 | 02 | 4.02 | | 4 | 350 | 687154 | 1151629 | GU | 08 | | | | | | |
| | | 5600221-16 | 72 | 1 | 6 | 02 | 5.02 | | 4 | 150 | 686811 | 1150762 | GU | 08 | | | | | | |
| | | 5600221-17 | 72 | 1 | 4 | 02 | 4.02 | | 4 | 352 | 685767 | 1150750 | GU | 08 | | | | | | |
| | | 5600221-18 | 72 | 1 | 5 | 02 | 4.02 | | 4 | 150 | 687781 | 1149841 | GU | 08 | | | | | | |
| | | 5600221-19 | 72 | 1 | 4 | 02 | 4.02 | | 4 | 250 | 688331 | 1149841 | GU | 08 | | | | | | |
| | | 5600221-20 | 61 | 3 | 6 | 02 | 4.02 | | 4 | 150 | 687557 | 1148694 | GU | 08 | | | | | | |
| | | 5600221-21 | 72 | 1 | 5 | 02 | 4.02 | | 4 | 350 | 686031 | 1152323 | GU | 08 | Cap est. | | | | | |
| | | 5600221-22 | 61 | 2 | 4 | 02 | 4.02 | | 4 | 150 | 682862 | 1148746 | GU | 08 | | | | | | |
| | | 5600221-23 | 61 | 2 | 4 | 02 | 4.02 | | 4 | 10000 | 683080 | 1158096 | GU | 08 | C-1, 24" PUMP | | | | | |
| | | 5600221-24 | 61 | 2 | 4 | 02 | 4.02 | | 4 | 10000 | 684454 | 1156964 | GU | 08 | C-1, 24" PUMP | | | | | |
| | | 5600221-25 | 61 | 2 | 4 | 02 | 4.02 | | 4 | 10000 | 686703 | 1148358 | GU | 08 | C-18, 24" PUMP | | | | | |
| | | 5600221-26 | 72 | 1 | 4 | 02 | 4.02 | | 4 | 10000 | 689252 | 1152510 | GU | 08 | C-1, 24" PUMP, LOC. IS GUESS HERE DOWN. | | | | | |
| | | 5600221-27 | 61 | 2 | 4 | 02 | 4.02 | | 4 | 1800 | 689252 | 1152510 | GU | 08 | Portable pump, 10" PORTABLE PUMP | | | | | |
| | | 5600221-28 | 61 | 2 | 4 | 02 | 4.02 | | 4 | 1800 | 689252 | 1152510 | GU | 08 | 99' withdrawing from, 10" PORTABLE PUMPS | | | | | |
| | | 5600221-29 | 61 | 2 | 4 | 02 | 4.02 | | 4 | 3000 | 689252 | 1152510 | GU | 08 | 99' on-site take end, 12" PORTABLE | | | | | |

| | | | | | | | | |
|-------------|----------------|-----|----------|---------------|------|--------------------------|---|----|
| 5600221-8S | 1 | 1 | .02 | 3 | 3000 | 689252 1152510 SU | 99 Canals 1,7,16,18, | |
| 5600221-9S | 1 | 1 | .02 | 3 | 3000 | 689252 1152510 SU | 99 12" PORTABLE PUMP | |
| 5600221-10S | 1 | 1 | .02 | 3 | 3000 | 689252 1152510 SU | 99 12" PORTABLE PUMP | |
| 5600222W | 5600222-1 6.9 | .03 | 2.5 .02 | 31678 AGR SW | 1 0 | PLATTS GROVE, INC. | | |
| 5600223W | 5600223-1 9.2 | .03 | 3.3 .02 | 31678 AGR SW | 1 0 | HELSETH, HAROLD & BETTY | | |
| 5600224W | 5600224-1 16.1 | .03 | 5.9 .02 | 31678 AGR SW | 1 0 | GATES PHILIP C - JR & SR | | |
| 5600225W | 5600225-1 43 | .03 | 12.9 .02 | 31678 AGR bot | 1 0 | PLATTS GROVES, INC. | | |
| 5600226W | 5600226-1 21.8 | .03 | 6.9 .02 | 31678 AGR SW | 300 | 700983 1143420 GW | 08 | |
| 5600227-2 | 61 | 1 | 6 .02 | 900 | 200 | RICCI, NICK | | |
| 5600227-1S | 61 | 1 | 6 .02 | 900 | 4 | 687677 1160939 GW | 08 | |
| 5600227-1C | 1 | 1 | 6 .02 | 900 | 4 | 688259 1160953 GW | 08 | |
| 5600227W | 5600227-1 16.5 | .03 | 6 .02 | 31678 AGR bot | 2 2 | PLATTS GROVES, INC. | | |
| 5600228W | 5600228-1 72 | 1 | 4 .02 | 600 | 300 | 697134 1145709 GW | 08 Used when canal | |
| 5600228-2 | 72 | 1 | 4 .02 | 700 | 325 | 696850 1146042 GW | 08 Is low | |
| 5600228-1S | 1 | 1 | 4 .02 | 700 | 1 | 696450 1146047 SW | 99 Internal Canal; LOC. IS GUESS | |
| 5600228-1C | 1 | 1 | 4 .02 | 700 | 1 | 696350 1146047 SU | 99 C-3, NEW ACREAGE SEE OVERLAY, LOC.:GUESS | |
| 5600229W | 5600229-1 13.8 | .03 | 5 .02 | 31678 AGR bot | 125 | PLATTS GROVES, INC. | | |
| 5600229-2 | 72 | 1 | 4 .02 | 800 | 350 | 697167 1143123 GW | 08 | |
| 5600229-1S | 72 | 1 | 4 .02 | 700 | 300 | 696722 1143581 GW | 08 | |
| 5600229-1C | 1 | 1 | 4 .02 | 700 | 1 | 697794 1143320 SU | 99 C-1,C-3(drainage?) | |
| 5600230W | 5600230-1 10.9 | .03 | 3.48 .02 | 31678 AGR SW | 2 0 | VINSON, AUGUSTA | | |
| 5600230-2 | 61 | 1 | 4 .02 | 800 | 350 | 680075 1165506 GW | 08 Combined well | |
| 5600229-1S | 72 | 1 | 5 .02 | 900 | 4 | 680050 1164374 GW | 08 Capacity | |
| 5600231W | 5600231-1 43.6 | .03 | 12.8 .02 | 31678 AGR SW | 1 0 | HAMILTON, DAVID A | | |
| 5600231-1 | 61 | 1 | 6 .02 | 1000 | 4 | 677953 1162915 GW | 08 | |
| 5600232W | 5600232-1 48.8 | .03 | 14.4 .02 | 31678 AGR SW | 3 0 | JONES, JR E M | | |
| 5600232-2 | 61 | 1 | 5 .02 | 900 | 225 | 693256 1155560 GW | 08 | |
| 5600232-3 | 61 | 1 | 5 .02 | 900 | 225 | 693338 1154781 GW | 08 | |
| 5600233W | 5600233-1 41.4 | .03 | 15.2 .02 | 31678 AGR bot | 4 | 692485 1153843 GW | 08 | |
| 5600233-2 | 61 | 1 | 6 .02 | 900 | 150 | 550 | KUTA, STEPHANIE A. | |
| 5600233-3 | 61 | 1 | 6 .02 | 700 | 150 | 100 | 690915 1153941 GW | 08 |
| 5600233-4 | 61 | 1 | 6 .02 | 700 | 150 | 100 | 691079 1152345 GW | 08 |
| 5600233-5 | 61 | 1 | 6 .02 | 700 | 150 | 4 | 691937 1153013 GW | 08 |
| 5600233-1S | 61 | 1 | 6 .02 | 700 | 150 | 4 | 693073 1152677 GW | 08 |
| 5600233-2C | 61 | 1 | 6 .02 | 900 | 225 | 100 | 692187 1153507 SW | 99 |
| 5600235W | 10.2 | .03 | 5.9 .02 | 91478 AGR SW | 4 0 | SUN SHOWER GROVES | | |
| 164 | | | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AM. ALL. | MAX UNIT NO. | NO. CO | DATE ISS. | USE CO. M.S. | SU TYPE | COD | TOD | INT CAP. | MTR? | YPLNR | SRC | AQ | COMMENTS | |
|------------|----------|--------------|--------|-----------|--------------|---------|-----|-----|-----------|--------|----------|----------------------|-----|----------------------------|--------------|
| 5600235-1 | | 72 | 1 | | 6.02 | | | | 4 | 350 | 699527 | 1133980 | GW | .08 | |
| 5600235-2 | | 72 | 1 | | 3.02 | | | | 4 | 60 | 699346 | 1134549 | GW | .08 | |
| 5600235-3 | | 72 | 1 | | 4.02 | | | | 4 | 100 | 699207 | 1134669 | GW | .08 | |
| 5600235-4 | | 72 | 1 | | 4.02 | | | | 4 | 75 | 697988 | 1135116 | GW | .08 | |
| 5600237W | | 21 | 03 | | 16.4 | 02 | | | 91478 AGR | GW | 1 0 | ORANGE AVE LAND TRUS | | .08 | |
| 5600237W | | 5600237-1 | 72 | 1 | 6.02 | 950 | 290 | 4 | 500 | 699949 | 1133684 | GW | .08 | EXPIRED | |
| 5600238W | | 26.2 | 03 | | 9.6 | 02 | | | 91478 AGR | bot | 2 | 1 DUNN, HOWARD W | | .08 | |
| 5600238-1 | | 72 | 1 | | 4.02 | 343 | 100 | 4 | 100 | 686042 | 1117047 | GW | .08 | | |
| 5600238-2 | | 72 | 1 | | 4.02 | 709 | 140 | 4 | 140 | 685545 | 1116750 | GW | .08 | | |
| 5600238-1s | | 72 | 1 | | 02 | | | | 1 | 500 | 685653 | 1116960 | SW | .99 | on site pond |
| 5600239W | | 17 | 03 | | 6.2 | 02 | | | 91478 AGR | GW | 1 0 | DUNN, HOWARD W | | .08 | |
| 5600239-1 | | 72 | 1 | | 8.02 | 943 | 320 | 4 | 410 | 692338 | 1128343 | GW | .08 | | |
| 5600240W | | 22.3 | 03 | | 12.9 | 02 | | | 91478 AGR | BOT | 1 0 | A + B GROVE | | .08 | |
| 5600240-1 | | 71 | 1 | | 10.02 | 970 | 320 | 4 | 960 | 647915 | 1131292 | GW | .08 | EXPIRED | |
| 5600240-P1 | | 71 | 1 | | 02 | | | | 10000 | 648575 | 11292318 | SW | .99 | BX PUMP FROM NSLRNND CANAL | |
| 5600242W | | 43.2 | 03 | | 15.9 | 02 | | | 91478 AGR | bot | 3 | 1 DUNN, ERNEST R | | .08 | |
| 5600242-1 | | 72 | 1 | | 4.02 | 756 | 108 | 4 | 105 | 694016 | 11226748 | GW | .08 | | |
| 5600242-2 | | 72 | 1 | | 4.02 | 789 | 134 | 4 | 200 | 694241 | 11227720 | GW | .08 | | |
| 5600242-3 | | 72 | 1 | | 6.02 | 838 | 133 | 4 | 290 | 692855 | 1127081 | GW | .08 | | |
| 5600242-1S | | 72 | 1 | | 1 | | | | 17. | 1 | 693978 | 1127002 | SW | .99 | on site pond |
| 5600243W | | 49.8 | 03 | | 18.3 | 02 | | | 91478 AGR | GW | 5 0 | CHILDS, RL-SR & WA | | .08 | |
| 5600243-1 | | 73 | 1 | | 4.02 | 800 | 350 | 4 | 148 | 706499 | 1121558 | GW | .08 | | |
| 5600243-2 | | 73 | 1 | | 4.02 | 800 | 350 | 4 | 200 | 707733 | 1120902 | GW | .08 | | |
| 5600243-3 | | 73 | 1 | | 4.02 | 800 | 350 | 4 | 200 | 707216 | 1120206 | GW | .08 | | |
| 5600243-4 | | 73 | 1 | | 6.02 | 800 | 350 | 4 | 400 | 705332 | 1120748 | GW | .08 | | |
| 5600243-5 | | 73 | 1 | | 4.02 | 800 | 350 | 4 | 148 | 704578 | 1120670 | GW | .08 | | |
| 5600244W | | 12.8 | 03 | | 4.22 | 02 | | | 91478 AGR | GW | 1 0 | JONES, EDDIE W | | .08 | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. SISTIA. | DPHTH | PMP PLM PUMP | DATE CO ISS. | USE CO. M.S. | SU | ATRUE TYPE | ST | CO PERMIT NO. | DEV NO. | ACRES | IRR EFF |
|------------|-----------------|-----------|------------------|-------|--------------|--------------|--------------|----|------------|----|---------------|---------|-------|---------|
| | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|-----------|---------------|----|-------|------|--------|---------|------|-----------------------|---------|---------|----|-------------------|-----------------------|-----|----|------|-----|--|
| 5600244-1 | 72 | 1 | 6.02 | 979 | 280 | 4 | 352 | 684950 | 1133837 | GW | 08 | 08 | 13 | 0.8 | 11 | 70.0 | .50 | |
| 5600245N | 54.7 | 03 | 20.2 | 02 | 91478 | AGR bot | 6 | 1 FEE GROVES | | | | 08 | 13 | 0.8 | 11 | 70.0 | .85 | |
| 5600245N | 5600245-1 | 71 | 1 | 5.02 | 600 | 300 | 4 | 100 | 651804 | 1131899 | GW | 08 | | | | | | |
| | 5600245-2 | 71 | 1 | 5.02 | 600 | 600 | 4 | 100 | 649914 | 1131504 | GW | 08 | | | | | | |
| | 5600245-3 | 71 | 1 | 5.02 | 600 | 340 | 4 | 100 | 651200 | 1131207 | GW | 08 | | | | | | |
| | 5600245-4 | 71 | 1 | 5.02 | 600 | 560 | 4 | 100 | 650796 | 1130744 | GW | 08 | | | | | | |
| | 5600245-5 | 71 | 1 | 5.02 | 600 | 300 | 4 | 100 | 651150 | 1130291 | GW | 08 | | | | | | |
| | 5600245-6 | 71 | 1 | 5.02 | 600 | 300 | 4 | 100 | 651673 | 1129594 | GW | 08 | | | | | | |
| | 5600245-1S | 71 | 1 | 02 | | | 1 | 9000 | 651126 | 1129580 | SW | 99 | C-64 | | | | | |
| 5600246W | 59.4 | 03 | 21.9 | 02 | 91478 | AGR bot | 1 | 1 DUNN, EARNEST R | | | | 08 | 13 | 0.8 | 11 | 76.0 | .50 | |
| | 5600246-1 | 71 | 1 | 6.02 | 950 | 260 | 4 | 250 | 653989 | 1126107 | GW | 08 | CAP est. | | | | | |
| | 5600246-1S | 71 | 1 | 1 | | 10. | 1 | 10000 | 653999 | 1126762 | SW | 99 | C-65 | | | | | |
| 5600247W | 5600247-1 | 71 | 1 | 4.02 | 600 | 4 | 100 | 654133 | 1130432 | GW | 08 | | | | | | | |
| | 5600247-1S | 71 | 1 | 02 | | 1 | 3300 | 654947 | 1129511 | SW | 99 | C-64 | | | | | | |
| 5600248W | 26.5 | 03 | 9.7 | 02 | 91478 | AGR gw | 1 | 1 FEE GROVES | | | | 08 | 13 | 1.5 | 11 | 15.0 | .85 | |
| | 5600248-1 | 72 | 1 | 4.02 | 610 | 132 | 4 | 100 | 681998 | 1131228 | GW | 08 | may abandon wells | | | | | |
| | 5600248-2 | 72 | 5 | 4.02 | 620 | 137 | 4 | 100 | 681826 | 112259 | GW | 08 | | | | | | |
| | 5600248-3 | 72 | 1 | 6.02 | 869 | 330 | 4 | 275 | 682073 | 111659 | GW | 08 | | | | | | |
| 5600250W | 53.4 | 03 | 15.8 | 02 | 101978 | AGR gw | 2 | 0 FARINA, CHARLES R | | | | 08 | 13 | 0.8 | 11 | 80 | .50 | |
| | 5600250-1 | 71 | 1 | 6.02 | 750 | 4 | 300 | 650174 | 1113810 | GW | 08 | EXPIRED | 56 | | | | | |
| | 5600250-2 | 71 | 1 | 6.02 | 750 | 4 | 300 | 649299 | 1113772 | GW | 08 | | | | | | | |
| 5600252W | 2567.8 | 03 | 36.1 | 02 | 111678 | AGR gw | 9 | 0 VAVRUS, CHARLES | | | | 08 | 20 | 0.8 | 11 | 3000 | .50 | |
| | 5600252-1 | 70 | 4 | 6.02 | 800 | 4 | 350 | 597273 | 1131562 | GW | 08 | EXPIRED | 56 | | | | | |
| | 5600252-2 | 70 | 4 | 6.02 | 800 | 4 | 150 | 595854 | 1129020 | GW | 08 | WELLS NOT USED | | | | | | |
| | 5600252-3 | 70 | 4 | 6.02 | 800 | 4 | 40 | 598528 | 1127570 | GW | 08 | | | | | | | |
| | 5600252-4 | 70 | 4 | 6.02 | 800 | 4 | 40 | 603964 | 1116208 | GW | 08 | | | | | | | |
| | 5600252-5 | 70 | 4 | 6.02 | 800 | 4 | 75 | 597960 | 1110261 | GW | 08 | | | | | | | |
| | 5600252-6 | 81 | 4 | 6.02 | 800 | 4 | 40 | 607733 | 1104458 | GW | 08 | | | | | | | |
| | 5600252-7 | 81 | 4 | 6.02 | 800 | 4 | 40 | 611816 | 1104950 | GW | 08 | | | | | | | |
| | 5600252-8 | 81 | 4 | 6.02 | 800 | 4 | 40 | 613653 | 1099335 | GW | 08 | | | | | | | |
| | 5600252-9 | 81 | 4 | 6.02 | 800 | 4 | 40 | 614230 | 1096734 | GW | 08 | | | | | | | |
| | 5600252-10E70 | 3 | 02 | | | | | 597346 | 1114159 | SW | | CULVERT LOCATIONS | | | | | | |
| | 5600252-11C81 | 3 | 02 | | | | | 620298 | 1101196 | SW | | CULVERT LOCATIONS | | | | | | |
| | 5600252-12C91 | 3 | 02 | | | | | 614884 | 1098943 | SW | | CULVERT LOCATIONS | | | | | | |
| | 5600252-13C81 | 3 | 02 | | | | | 610290 | 1099142 | SW | | CULVERT LOCATIONS | | | | | | |
| | 5600252-14C81 | 3 | 02 | | | | | 608511 | 1097571 | SW | | CULVERT LOCATIONS | | | | | | |
| | 5600252-15C81 | 3 | 02 | | | | | 612761 | 1095041 | SW | | CULVERT LOCATIONS | | | | | | |
| | 5600252-16C81 | 3 | 02 | | | | | 614496 | 1092614 | SW | | CULVERT LOCATIONS | | | | | | |
| | 5600252-17C81 | 3 | 02 | | | | | 610107 | 1082332 | SW | | CULVERT LOCATIONS | | | | | | |
| 5600253W | 276 | 03 | 101.6 | 02 | 111678 | Agaboth | 10 | 1 CAMPBELL, CHARLES H | | | | 56 | | | | | | |
| | 5600253-1 | 71 | 1 | 8.02 | 900 | 240 | 4 | 100 | 652401 | 1126118 | GW | 08 | capacity is estimated | | | | | |
| | 5600253-2 | 71 | 1 | 8.02 | 900 | 240 | 4 | 100 | 651173 | 1128195 | GW | 08 | | | | | | |
| | 5600253-3 | 71 | 1 | 8.02 | 900 | 240 | 4 | 100 | 649960 | 1128123 | GW | 08 | | | | | | |
| | 5600253-4 | 71 | 1 | 6.02 | 900 | 240 | 4 | 100 | 648535 | 1128172 | GW | 08 | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. UNIT NO. | MAX. UTS. | NO. CO. | DATE ISS. | USE TYPE | SRCNO. ID | SU CO. | OWNER | CROP SOIL RAIN IRR IRR | | | | |
|------------|--------------|-----------|---------|-----------|----------|-----------|--------|---------|--------------------------------|----------|--------|----------|--------------------------|
| | | | | | | | | | NO. | DEV. NO. | AQTYPE | ST ACRES | EFF |
| 5600253-5 | 71 | 1 | 8 | 02 | 900 | 240 | 4 | 100 | 647378 | 1128204 | GW | 08 | |
| 5600253-6 | 71 | 1 | 8 | 02 | 900 | 240 | 4 | 100 | 647311 | 1125350 | GW | 08 | |
| 5600253-7 | 71 | 1 | 6 | 02 | 900 | 240 | 4 | 100 | 648547 | 1125377 | GW | 08 | |
| 5600253-8 | 71 | 1 | 8 | 02 | 900 | 240 | 4 | 100 | 649980 | 1125337 | GW | 08 | |
| 5600253-9 | 71 | 1 | 8 | 02 | 900 | 240 | 4 | 100 | 651233 | 1125385 | GW | 08 | |
| 5600253-10 | 71 | 1 | 8 | 02 | 900 | 240 | 4 | 100 | 652305 | 1125392 | GW | 08 | |
| 5600253-15 | 1 | 1 | | | | 14 | 3 | 12000 | 652305 | 1125392 | SW | 99 | C-24, Location is guess. |
| 5600255W | 16.6 | 03 | 6.1 | 02 | 121478 | AGRboth | 1 | 1 | HESTER, R.J. & LIMBLOOM, G. | 56 | | .08 | |
| 5600255-1 | 71 | 1 | 6 | 02 | 13* | 1 | 410 | 656702 | 1128018 | GW | 08 | | |
| 5600255-15 | 71 | 1 | 1 | | | 12000 | | 657717 | 1127030 | SW | 99 | C-65 | |
| 5600257W | 18.4 | 03 | 6.8 | 02 | 11879 | AGR SW | 2 | 0 | HESTER, R.J. & LIMBLOOM, G. | 56 | | .08 | |
| 5600257-1 | 72 | 1 | 5 | 02 | 814 | 316 | 4 | 249 | 664056 | 1138007 | GW | 08 | |
| 5600257-2 | 72 | 1 | 4 | 02 | 800 | 300 | 4 | 75 | 663581 | 1138746 | GW | 08 | |
| 5600259W | 33.1 | 03 | 12.2 | 02 | 121478 | AGRboth | 3 | 1 | OLDCHESTER CORPORATION | 56 | | .08 | |
| 5600259-1 | 71 | 1 | 4 | 02 | 850 | 315 | 4 | 75 | 655670 | 1129356 | GW | 08 | |
| 5600259-2 | 71 | 1 | 4 | 02 | 850 | 296 | 4 | 75 | 655565 | 1128224 | GW | 08 | |
| 5600259-3 | 71 | 1 | 6 | 02 | 960 | 336 | 4 | 180 | 655934 | 1128261 | GW | 08 | |
| 5600259-15 | 71 | 1 | 1 | | | 16 | 1 | 10000 | 655277 | 1129307 | SW | 99 | C-64 |
| 5600260W | 35 | 03 | 12.9 | 02 | 11879 | AGR SW | 3 | 0 | ROSENTHAL, JANIC | 56 | | .08 | |
| 5600260-1 | 71 | 1 | 6 | 02 | 800 | 340 | 4 | 100 | 651289 | 1118007 | GW | 08 | Capacity estimated |
| 5600260-2 | 71 | 1 | 5 | 02 | 700 | 340 | 4 | 100 | 651323 | 1117805 | GW | 08 | |
| 5600260-3 | 71 | 1 | 6 | 02 | 800 | 340 | 4 | 100 | 650114 | 1117801 | GW | 08 | |
| 5600262W | 19.5 | 03 | 7.2 | 02 | 31579 | AGRboth | 2 | 1 | BRETT, M.V. & M. H. | 56 | | .08 | |
| 5600262-1 | 83 | 1 | 6 | 02 | 800 | 4 | 128 | 657053 | 1100486 | GW | 08 | | |
| 5600262-2 | 83 | 1 | 6 | 02 | 800 | 4 | 225 | 657586 | 1101360 | GW | 08 | | |
| 5600262-15 | 83 | 2 | 02 | | | 210000 | | 6668082 | 1100805 | SW | 99 | C-65 | |
| 5600264W | 27.8 | 03 | 10.2 | 02 | 11879 | AGRboth | 8 | 1 | ROSENTHAL, J.M. & TURVIN, L.A. | 56 | | .08 | |
| 5600264-1 | 71 | 1 | 6 | 02 | 700 | 360 | 4 | 300 | 658070 | 1126854 | GW | 08 | |
| 5600264-2 | 71 | 1 | 5 | 02 | 650 | 360 | 4 | 250 | 658725 | 1126928 | GW | 08 | |
| 5600264-3 | 71 | 1 | 5 | 02 | 650 | 360 | 4 | 250 | 658441 | 1126538 | GW | 08 | |

LINE 2+ HEADING (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. SITIA. | DPDN COD | PUMP TD CO | INT TYP CAP. | MTR? YPLNR SRC | AO COMMENTS | CROP SOIL RAIN IRR IRR | | | | |
|------------|-----------------|-----------|-----------------|----------|------------|--------------|----------------|-------------|------------------------|---------|--------|----------|-------|
| | | | | | | | | | USE | TYPE | U.S. | PWS | OWNER |
| | | | | | | | | | CO PERMIT NO. | DEV NO. | AQTYPE | ST ACRES | EFF |
| | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|------------|-------|----|---------|--------|---------|-------|--------|--------------------------------|---------|----|----|
| 5600264-4 | 71 | 1 | 5 02 | 650 | 360 | 4 | 250 | 659009 | 1126799 | GU | 08 |
| 5600264-5 | 71 | 1 | 5 02 | 650 | 360 | 4 | 250 | 660058 | 1126271 | GU | 08 |
| 5600264-6 | 71 | 1 | 5 02 | 650 | 360 | 4 | 250 | 658444 | 1125390 | GU | 08 |
| 5600264-7 | 71 | 1 | 6 02 | 500 | 320 | 4 | 150 | 659098 | 1125395 | GU | 08 |
| 5600264-8 | 71 | 1 | 8 02 | 1000 | 360 | 4 | 300 | 658444 | 1124374 | GU | 08 |
| 5600264-15 | 71 | 1 | 02 | | | 3 | 8000 | 658903 | 1129285 | SU | 99 |
| | | | | | | | | C-64 | | | |
| 5600265W | 46.9 | 03 | 17.3 02 | 11879 | AGRboth | 1 | 1 | 1 EDSELL-DURRETT GROVES | | | |
| 5600265-15 | 71 | 1 | 6 02 | 900 | 300 | 4 | 270 | 661540 | 1132288 | GU | 08 |
| | | 1 | | | 15 | 1 | 10000 | 662680 | 1132710 | SU | 99 |
| | | | | | | | | C-59 | | | |
| 5600266W | 17.9 | 03 | 6.6 02 | 31579 | AGRboth | 1 | 2 | PLATTS, NORMAN & BARBARA | | | |
| 5600266-1C | 71 | 4 | 5 02 | 800 | 300 | 4 | 550 | 660707 | 1113331 | GU | 08 |
| 5600266-2C | 71 | 4 | 1 | | 10 | | | 660694 | 1113588 | SU | 99 |
| | | | | | 18 | | | 660686 | 1112881 | SU | 99 |
| | | | | | | | | Flume Rd. Canal | | | |
| | | | | | | | | Internal Canal | | | |
| 5600267W | 40 | 03 | 5.6 02 | 110879 | AGROBTH | 2 2 | 1 | MAYBURY MANAGEMENT | | | |
| 5600267-1 | 71 | 3 | 4 02 | 1000 | 4 | 260 | 661776 | 1131795 | GU | 08 | |
| 5600267-2 | 71 | 1 | 6 02 | 1000 | 4 | 261 | 661778 | 1131205 | GU | 08 | |
| 5600267-15 | 71 | 3 | 02 | | 4 | | 662070 | 1130877 | SU | 99 | |
| 5600267-25 | 71 | 3 | 02 | | 7500 | | 662109 | 1131350 | SU | 99 | |
| | | | | | 7500 | | | THIS IS SAME WELL AS P#322-15 | | | |
| | | | | | | | | THIS IS SAME WELL AS P#322-25 | | | |
| 5600269W | 18.4 | 03 | 6.7 02 | 21579 | AGR GW | 1 0 | 1 | A-ONE CITRUS, INC. | | | |
| 5600269-1 | 71 | 1 | 5 02 | 1000 | 360 | 6 | 150 | 655933 | 1132891 | GU | 08 |
| | | | | | | | | Cap. estimated | | | |
| | | | | | | | | 56 | | | |
| 5600270W | 65.3 | 03 | 24 02 | 21579 | AGRboth | 1 | 2 | FLA CITRUS PROPERTIES | | | |
| 5600270-1S | 72 | 1 | 5 02 | 1000 | 4 | 315 | 662993 | 1117451 | GU | 08 | |
| 5600270-1C | 72 | 4 | 02 | | 3 | 12700 | 663019 | 1117214 | SU | 99 | |
| | | | 1 | | 14 | | | Header Canal | | | |
| 5600271W | 16.6 | 03 | 6.1 02 | 21579 | AGRboth | 1 | 1 | MORRIS, JR., KENNETH A | | | |
| 5600271-1S | 72 | 2 | 6 02 | 800 | 160 | 4 | 350 | 663596 | 1120046 | GU | 08 |
| | | | 02 | | 3 | 4000 | 663047 | 1119441 | SU | 99 | |
| | | | | | | | | Header Canal | | | |
| 5600272W | 129.2 | 03 | 47.6 02 | 21579 | AGR GW | 1 0 | 1 | EVANS PROPERTIES, INC. | | | |
| 5600272-1 | 71 | 1 | 8 02 | 881 | 287 | 4 | 575 | 660354 | 1120135 | GU | 08 |
| | | | | | | | | Cap. estimated | | | |
| | | | | | | | | 56 | | | |
| 5600276W | 61.4 | 03 | 22.6 02 | 31579 | AGR | 2 2 | 1 | MONToya, ALBERTO & JOEAN | | | |
| 5600276-1 | 82 | 1 | 8 1 | 1000 | 360 | 4 | 500 | 647419 | 1099046 | GU | 08 |
| 5600276-2 | 82 | 1 | 8 1 | 1000 | 360 | 1 | 500 | 649397 | 1100770 | GU | 08 |
| 5600276-3S | 82 | 1 | 1 | | 10 | 2 | 12000 | 652283 | 1100377 | SU | 99 |
| 5600276-4S | 82 | 1 | 1 | | 10 | 2 | 12000 | 647415 | 1100157 | SU | 99 |
| | | | | | | | | C-24 Canal | | | |
| 5600277W | 128.3 | 03 | 47.2 02 | 31579 | AGRboth | 7 | 1 | ROSENTHAL, J.W. & NEUMAN, L.M. | | | |
| 5600277-1 | 71 | 1 | 6 1 | 850 | 360 | 1 | 300 | 647062 | 1122775 | GU | 08 |
| 5600277-2 | 71 | 1 | 6 1 | 850 | 360 | 4 | 275 | 647333 | 1122675 | GU | 08 |
| 5600277-3 | 71 | 1 | 6 1 | 850 | 360 | 4 | 275 | 648165 | 1122577 | GU | 08 |
| 5600277-4 | 71 | 1 | 6 1 | 850 | 360 | 4 | 300 | 648595 | 1122579 | GU | 08 |
| 5600277-5 | 71 | 1 | 6 1 | 850 | 360 | 4 | 300 | 649226 | 1122581 | GU | 08 |
| 5600277-6 | 71 | 1 | 8 1 | 1000 | 400 | 4 | 600 | 649947 | 1122584 | GU | 08 |
| 5600277-7 | 71 | 1 | 6 1 | 550 | 200 | 4 | 120 | 651207 | 1122891 | GU | 08 |
| 5600277-1S | 71 | 1 | | | | 3 | 8000 | 651595 | 1123498 | SU | 99 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | DATE USE SRCHNO. | SW | CROP SOIL ST | IRR IRR | |
|------------|----------|------------------|------------------|------------|--------------|---------|--------------|
| PERMIT NO. | ALL. | UTS CO ISS. | TYPE WLS. | PWPS OWNER | DEV NO. | AGTYPE | ST ACRES EFF |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NUMBER | QUAD. NO. | WELL SISDA. | OPTN COD | 10 CD INT TIP CAP. | WTR? XPLNR YPLNR SRC | AR | COMMENTS |
|---------------|-----------|-------------|----------|--------------------|----------------------|----|----------|
|---------------|-----------|-------------|----------|--------------------|----------------------|----|----------|

| | | | | | | | |
|------------|-----------|-----|---------|---------------|---------|----------------------------|-----------------------|
| 5600278W | 207.6 | .03 | 76.4 02 | 31579 AGRboth | 6 | 1 MCARTHUR FARMS, INC | 56 |
| 5600278-1 | 83 | 1 | 5 1 | 600 315 | 4 | 210 664259. 1104261 GW | 08 |
| 5600278-2 | 83 | 1 | 5 1 | 600 318 | 4 | 210 664526. 1102748 GW | 08 |
| 5600278-3 | 83 | 1 | 5 1 | 600 287 | 4 | 210 664993. 1101235 GW | 08 |
| 5600278-4 | 83 | 1 | 5 1 | 600 323 | 4 | 210 663558. 1104258 GW | 08 |
| 5600278-5 | 83 | 1 | 5 1 | 600 275 | 4 | 210 663544. 1102946 GW | 08 |
| 5600278-6 | 83 | 1 | 5 1 | 600 308 | 4 | 210 663370. 1101228 GW | 08 |
| 5600278-15 | 83 | 1 | 5 1 | 600 11 | 1 25000 | 662912. 1102943 SW | 99 Header Canal |
| 5600279W | 164.2 | .03 | 60.4 02 | 71979 AGRboth | 3 | 2 SCOTTO, D.L. & CO., INC. | 56 |
| 5600279-1 | 83 | 1 | 4 1 | 4 270 | 4 | 270 667236. 1103971 GW | 08 |
| 5600279-2 | 83 | 1 | 4 1 | 4 257 | 4 | 257 665888. 1102753 GW | 08 |
| 5600279-3 | 83 | 1 | 4 1 | 4 213 | 4 | 213 667247. 1102545 GW | 08 |
| 5600279-1S | 83 | 1 | 4 1 | 3 10000 | 3 | 10000 666324. 1102359 SW | 99 C-85 |
| 5600279-2S | 83 | 1 | 4 1 | 3 10000 | 3 | 10000 668317. 1104076 SW | 99 C-85 |
| 5600280W | 26.8 | .03 | 7.9 02 | 41979 AGR SW | 2 0 | DL SCOTTO + COMPANY | 56 |
| 5600280-1 | 84 | 1 | 6 02 | 3 200 | 3 | 715106 1096745 GW | 08 |
| 5600280-2 | 84 | 1 | 5 02 | 3 175 | 3 | 715669 1096687 GW | 08 |
| 5600281W | 111 | .03 | 40.9 02 | 41979 AGRboth | 6 | 2 EVANS PROPERTIES, INC. | 56 |
| 5600281-1 | 83 | 1 | 4 02 | 700 225 | 4 | 100 665400 1092660 GW | 08 |
| 5600281-2 | 83 | 1 | 4 02 | 700 225 | 4 | 100 665406 1093141 GW | 08 |
| 5600281-3 | 83 | 1 | 4 02 | 700 225 | 4 | 100 665423 1093792 GW | 08 |
| 5600281-4 | 83 | 1 | 4 02 | 700 225 | 4 | 100 665431 1094401 GW | 08 |
| 5600281-5 | 83 | 1 | 4 02 | 700 225 | 4 | 100 664817 1093940 GW | 08 |
| 5600281-6 | 83 | 1 | 4 02 | 700 225 | 4 | 100 663811 1093726 GW | 08 |
| 5600281-7 | 83 | 1 | 4 02 | 700 225 | 4 | 100 663811 1093726 GW | 08 Location is guess. |
| 5600281-1S | 83 | 1 | 4 02 | 3 8000 | 3 | 8000 6664675 1094770 SW | 99 C-26 |
| 5600281-2S | 83 | 1 | 4 02 | 3 10000 | 3 | 10000 6622995 1092710 SW | 99 C-26 |
| 5600282W | 10 | .03 | 3 02 | 41979 AGR SW | 1 0 | GREENE, I | 56 |
| 5600282-1 | 84 | 1 | 4 02 | 4 100 | 4 | 717661 1097963 GW | 08 |
| 5600283W | 5600283-6 | .03 | 3 02 | 41979 AGR SW | 1 0 | BACKIE GROVES #1 | 56 |
| 5600283-1 | 84 | 1 | 4 02 | 3 150 | 3 | 716875 1105760 GW | 08 |

| | | | | | | | |
|----------|--------|----|----------|----------------|----------------------|----------------------------------|------------------------|
| 5600313W | 170.2 | 03 | 62.6 02 | 101179 AGRboth | 5 6 | GATES, SR., PHILIP C. & | 56 |
| | | | 6 02 | 1100 150 | 4 | 655384 1121281 GW 08 | |
| | | | 6 02 | 1100 150 | 4 | 655746 1121076 GW 08 | |
| | | | 8 02 | 1250 150 | 4 | 655551 1119088 GW 08 | |
| | | | 8 02 | 1000 150 | 4 | 655153 1119713 GW 08 | |
| | | | 6 02 | 1000 150 | 4 | 65516 1119693 GW 08 | |
| | | | 1 02 | | 5000 | 655917 1121540 SW 99 | C-67468 |
| | | | 1 02 | | 8000 | 656169 1119083 SW 99 | C-67468 |
| | | | 4 02 | | 656149 1119083 SW 99 | Screw gate, Location is guess. | |
| | | | 4 02 | | 656600 1121638 SW 99 | Screw gate | |
| | | | 4 02 | | 657343 1121624 SW 99 | Screw gate | |
| | | | 4 02 | | 657343 1121624 SW 99 | Screw gate, Location is guess. | |
| 5600314W | 62.1 | 03 | 22.8 02 | 101179 AGRboth | 1 | 1 WESTER, III, R.J. & LIMBLOOM | 56 |
| | | | 5 02 | 745 270 | 4 | 664813 1135984 GW 08 | |
| | | | 1 | 13 | 1 12000 | 664116 1134911 SW 99 | C-62 |
| 5600315W | 18.68 | 03 | 6.95 02 | 101179 AGR SW | 1 0 | C + N GROVES | 56 |
| | | | 6 02 | | 250 | 664278 1123389 GW 08 | EXPIRED, CAP IS ESTIM. |
| | | | 71.1 02 | 11080 AGRboth | 2 | 1 WESTER, ROBERT J. | 56 |
| | | | 6 02 | | 4 | 675356 1090337 GW 08 | |
| | | | 6 02 | | 4 | 679075 1090007 GW 08 | |
| | | | 1 02 | | 1 12000 | 674741 1089796 SW 99 | C-24 |
| 5600316W | 193.2 | 03 | 15.6 02 | 110879 AGR SW | 1 1 | STONE, JR., C | 56 |
| | | | 4 02 | | 4 | 653194 1121687 GW 08 | EXPIRED |
| | | | 24 02 | | 4 | 654549 1120885 SW 99 AS OF 10/87 | |
| | | | | | | | |
| 5600317W | 42.93 | 03 | 12.6 02 | 414688 AGR SW | 1 0 | FIVE STAR GROVES, INC. | 56 |
| | | | 6 02 | 1100 250 | 4 | 651290 1133347 GW 08 | |
| | | | 4 02 | 900 100 | 4 | 652048 1134607 GW 08 | |
| | | | 4 02 | 600 100 | 4 | 652821 1134639 GW 08 | |
| | | | 1 02 | | 3 5000 | 658016 1132391 SW 99 | C-63 |
| | | | 1 02 | | 3 10000 | 659789 1132404 SW 99 | 30HP, 24" diam |
| 5600318W | 34.3 | 03 | 43.5 02 | 110879 AGRboth | 2 | 2 HATFIELD, MILTON H. - TRUSTEE | 56 |
| | | | 4 02 | | 4 | 658048 1134607 GW 08 | |
| | | | 4 02 | | 4 | 658051 1132391 SW 99 | |
| | | | | | | | |
| 5600319W | 117.3 | 03 | 43.2 02 | 110879 AGRboth | 2 | 2 HATFIELD, MILTON H. - TRUSTEE | 56 |
| | | | 4 02 | | 4 | 658048 1134607 GW 08 | |
| | | | 4 02 | | 4 | 658051 1132391 SW 99 | |
| | | | | | | | |
| 5600320W | 118.19 | 03 | 43.5 02 | 110879 AGR SW | 2 0 | SIPPICAM GROVES, INC. | 56 |
| | | | 6 02 | 900 150 | 4 | 653841 1123641 GW 08 | EXPIRED |
| | | | 6 02 | 900 150 | 4 | 653832 1127629 GW 08 | |
| | | | 1 02 | | 3 5000 | 662169 1131350 SW 99 | C-59 |
| | | | 1 02 | | 3 10000 | 659789 1132404 SW 99 | |
| | | | | | | | |
| 5600321W | 17.5 | 03 | 6.4 02 | 110879 AGR SW | 1 0 | SIMON, F.A.; SIMON, R.L. & | 56 |
| | | | 4 02 | 600 100 | 4 | 654957 1137300 GW 08 | |
| | | | 1 02 | | 200 | 655169 1137300 GW 08 | |
| | | | | | | | |
| 5600322W | 73.2 | 03 | 26.9 02 | 110879 AGRboth | 1 | 2 STRIEFER GROVES | 56 |
| | | | 6 02 | 1000 300 | 4 | 661778 1131795 GW 08 | |
| | | | 1 | 13 | 3 7500 | 662070 1130877 SW 99 | C-59 |
| | | | 1 | 9 | 3 5000 | 662169 1131350 SW 99 | C-59 |
| | | | | | | | |
| 5600323W | 289.3 | 03 | 106.5 02 | 110879 AGRboth | 11 | 3 SCOTTO & CO. INC., D L | 56 |
| | | | 8 02 | 1000 200 | 4 | 664124 1124262 GW 08 | |
| | | | 1 02 | | 600 | 664124 1124262 GW 08 | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. NO. | ALL UNITS | MAX UNITS | MD. UNITS | DATE ISSUED | USE TYPE | SRCNO. | SW CO | PWS | OWNER | CO DEV NO. | PERMIT NO. | AQTYPE | SOIL TYPE | ST ACRES | IRR EFF |
|---|-----------------|-----------|---------------|-----------|-------------|------------|--------|-------|-------|--------|------------|------------|------------|-----------|----------|----------------|
| LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit) | | | | | | | | | | | | | | | | |
| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL STATION. | DEPTH CD | INT CO | PUMPS CAP. | MTR? | XPLNR | YPLNR | SEC AQ | COMMENTS | CO | PERMIT NO. | DEV NO. | AQTYPE | CROP SOIL RAIN |

| | | | | | | | | | | | | | | | | |
|---------------|-------|----|-------|------|--------|----------|-------|---------|--------------------|---------|----|----|--|--|--|----------------------------|
| 5600323-3 | 72 | 1 | \$ 02 | 1000 | 200 | 4 | 145 | 662966 | 1126186 | GW | 08 | | | | | |
| 5600323-4 | 72 | 1 | \$ 02 | 1000 | 200 | 4 | 145 | 665418 | 1126040 | GW | 08 | | | | | |
| 5600323-5 | 72 | 1 | \$ 02 | 1000 | 200 | 4 | 600 | 664179 | 1126472 | GW | 08 | | | | | |
| 5600323-6 | 72 | 3 | \$ 02 | 1000 | 200 | 4 | 145 | 664346 | 1127712 | GW | 08 | | | | | |
| 5600323-7 | 72 | 1 | \$ 02 | 1000 | 200 | 4 | 600 | 664027 | 1129159 | GW | 08 | | | | | |
| 5600323-8 | 72 | 3 | \$ 02 | 1000 | 200 | 4 | 250 | 664324 | 1129093 | GW | 08 | | | | | |
| 5600323-9 | 72 | 3 | \$ 02 | 1000 | 200 | 4 | 250 | 6666851 | 1129048 | GW | 08 | | | | | |
| 5600323-10 | 72 | 1 | \$ 02 | 1000 | 200 | 4 | 600 | 667131 | 1129258 | GW | 08 | | | | | |
| 5600323-11 | 72 | 3 | \$ 02 | 1000 | 200 | 4 | 100 | 667712 | 1128799 | GW | 08 | | | | | |
| 5600323-12 | 72 | 3 | \$ 02 | 1000 | 200 | 4 | 165 | 664108 | 1127406 | GW | 08 | | | | | |
| 5600323-20572 | 1 | 1 | | | 12 | 3 | 10000 | 663046 | 1126758 | SW | 99 | | | | | |
| 5600323-21572 | 1 | 1 | | | 12 | 3 | 10000 | 665389 | 1126730 | SW | 99 | | | | | |
| 5600323-38572 | 1 | 1 | | | 12 | 3 | 10000 | 665647 | 1126241 | SW | 99 | | | | | |
| 5600324N | 50,8 | 03 | 18.7 | 02 | 110879 | AGRboth | 2 | 1 | SPYKE, PETER D. | | | 56 | | | | .08 .13 .1 .5 .11 .65 .50 |
| 5600324-1 | 72 | 1 | 6 | 02 | 1050 | 4 | 250 | 667665 | 1112247 | GW | 08 | | | | | |
| 5600324-2 | 72 | 1 | 6 | 02 | 1050 | 4 | 250 | 666349 | 1112201 | GW | 08 | | | | | |
| 5600324-15 | 72 | 1 | 02 | | 20000 | | 20000 | 666947 | 1113262 | SW | 99 | | | | | |
| 5600325W | 214,9 | 03 | 79.1 | 02 | 110879 | AGR both | 9 0 | 1 | SHANKY, DR. | | | 56 | | | | .08 .13 .0 .8 .11 .400 .85 |
| 5600325-1 | 71 | 1 | 6 | 02 | 500 | 240 | 4 | 300 | 657198 | 1117548 | GW | 08 | | | | |
| 5600325-2 | 71 | 1 | 6 | 02 | 500 | 240 | 4 | 300 | 656568 | 1117250 | GW | 08 | | | | |
| 5600325-3 | 71 | 1 | 6 | 02 | 500 | 240 | 4 | 350 | 655375 | 1117407 | GW | 08 | | | | |
| 5600325-4 | 71 | 1 | 6 | 02 | 600 | 350 | 4 | 350 | 656356 | 1114894 | GW | 08 | | | | |
| 5600325-5 | 71 | 1 | 6 | 02 | 600 | 350 | 4 | 400 | 655290 | 1114653 | GW | 08 | | | | |
| 5600325-6 | 71 | 1 | 6 | 02 | 900 | 500 | 4 | 400 | 656026 | 1114809 | GW | 08 | | | | |
| 5600325-7 | 71 | 1 | 6 | 02 | 900 | 500 | 4 | 400 | 653267 | 1116050 | GW | 08 | | | | |
| 5600325-8 | 71 | 1 | 6 | 02 | 900 | 500 | 4 | 400 | 653390 | 1113904 | GW | 08 | | | | |
| 5600325-9 | 71 | 1 | 6 | 02 | 900 | 500 | 4 | 400 | 652749 | 1114918 | GW | 08 | | | | |
| 5600326 | 60,2 | 03 | 22.2 | 02 | 110879 | AGRboth | 3 | 1 | WEAVER, MONIQUE M. | | | 56 | | | | .08 .13 .1 .5 .11 .77 .50 |
| 5600326-1 | 72 | 1 | 6 | 02 | 900 | 4 | 528 | 665402 | 111484 | GW | 08 | | | | | |
| 5600326-2 | 72 | 1 | 6 | 02 | 800 | 226 | 4 | 352 | 664248 | 1111417 | GW | 08 | | | | |
| 5600326-3 | 72 | 3 | 6 | 02 | 900 | 4 | 352 | 664246 | 1111528 | GW | 08 | | | | | |
| 5600326-15 | 72 | 1 | 02 | | 20000 | | 20000 | 6633125 | 1111528 | SW | 99 | | | | | |

| | | | | | | | | |
|------------|-----------|----|----------|---------------|-----|-------------------------------------|---------------------------------------|-----------------------|
| 5600327W | 46 | 03 | 16.9 02 | 110879 AgBoth | 2 1 | ORR, SR., DR. ALVA. D. | 56 | 08 13 0.8 11 100 .85 |
| 5600327-1 | 71 | 1 | 6 02 | 900 | 4 | 648536 1116448 GW 08 Cap. is estim. | | |
| 5600327-2 | 71 | 1 | 8 02 | 900 | 4 | 647936 1115033 GW 08 Cap. is estim. | | |
| 5600327-1C | 71 | 04 | 02 | | 4 | 648439 1116748 SW 99 NSLRM, Culvert | | |
| 5600328W | 6.95 | 03 | 6.9 02 | 110879 AGR gw | 2 0 | ROBINSON, JR., H K | 56 | 08 13 1.5 11 40 .50 |
| 5600328-1 | 72 | 4 | 5 02 | | 4 | 633613 1123809 GW 08 EXPIRED | | |
| 5600328-2 | 72 | 4 | 5 02 | | 4 | 664761 1123745 GW 08 | | |
| 5600329W | 7.04 | 03 | 2.6 02 | 110879 AGR SW | 0 1 | DUN, JR. W | 56 | 08 13 1.5 11 9 .50 |
| 5600331W | 1596.1 | 03 | 305.6 02 | 110879 AgBoth | 3 4 | CARLTON, MARY E | 56 | 08 20 0.8 11 1600 .50 |
| 5600331-1 | 82 | 1 | 6 02 | 1000 | 900 | 6 50 | 648342 1093503 GW 08 | |
| 5600331-2 | 82 | 1 | 4 02 | 1000 | 900 | 4 50 | 652811 1095147 GW 08 | |
| 5600331-3 | 82 | 1 | 6 02 | 1000 | 900 | 6 50 | 655101 1096013 GW 08 | |
| 5600331-1S | 82 | 1 | 1 | | 14 | 3 18000 | 647377 1097267 SW 99 | C-24 |
| 5600331-2S | 82 | 1 | 1 | | 17 | 3 18000 | 651462 1092501 SW 99 | C-24 |
| 5600331-1C | 82 | 1 | 1 | | 16 | | 651462 1092501 SW 99 | C-24 |
| 5600331-2C | 82 | 1 | 1 | | 17 | | 651462 1092501 SW 99 | C-24 |
| 5600333W | 62.5 | 03 | 23 02 | 31380 AgBoth | 1 | 2 SCHUMANN GROVES, INC. | 56 | 08 13 1.5 11 80 .50 |
| 5600333-1 | 71 | 1 | 6 | 800 | 150 | 4 250 | 657429 1137677 GW 08 Cap. is estim. | |
| 5600333-1S | 71 | 1 | 1 | | 3 | 2 10000 | 657093 1140069 SW 99 | C-61 |
| 5600333-2S | 71 | 1 | 1 | | 3 | 2 16000 | 658678 1137675 SW 99 | C-61 |
| 5600335W | 28.9 | 03 | 10.6 02 | 31380 AgBoth | 1 | 1 SCHUMANN GROVES, INC. | 56 | 08 13 1.5 11 37 .50 |
| 5600335-1 | 71 | 1 | 6 02 | 800 | 150 | 4 250 | 658561 1129600 GW 08 Cap. is estim. | |
| 5600335-1S | 71 | 1 | 1 | | 3 | 2 10000 | 658966 1129609 SW 99 | C-64 |
| 5600336W | 62.5 | 03 | 23 02 | 31380 AgBoth | 1 | 3 SCHUMANN GROVES, INC. | 56 | 08 13 1.5 11 80 .50 |
| 5600336-1 | 71 | 1 | 6 02 | 800 | 150 | 4 250 | 653084 1136022 GW 08 Cap. is estim. | |
| 5600336-1S | 71 | 1 | 1 | | 3 | 2 10000 | 652571 1137719 SW 99 | C-61 |
| 5600336-2S | 71 | 1 | 1 | | 3 | 2 10000 | 653603 1137594 SW 99 | C-61 |
| 5600336-3S | 71 | 1 | 1 | | 3 | 2 10000 | 653154 1140062 SW 99 | NSLRM |
| 5600337W | 31.3 | 03 | 11.5 02 | 31380 AgBoth | 2 | 1 SCHUMANN GROVES, INC. | 56 | 03 13 1.5 11 40 .50 |
| 5600337-1 | 71 | 1 | 6 02 | 800 | 150 | 4 250 | 653368 1139550 GW 08 Cap. is estim. | |
| 5600337-2 | 71 | 1 | 6 02 | 800 | 150 | 4 250 | 655554 1137704 GW 08 Cap. is estim. | |
| 5600337-1S | 71 | 1 | 1 | | 3 | 2 10000 | 655754 1137704 SW 99 | NSLRM, Loc. is guess |
| 5600340W | 115 | 03 | 42.3 02 | 41080 AgBoth | 3 | 1 PALM INDIAN, INC. | 56 | 08 13 1.5 11 250 .85 |
| 5600340-1 | 72 | 1 | 8 02 | 1000 | 4 | 575 | 677600 1111659 GW 08 Cap. is est. | |
| 5600340-2 | 72 | 1 | 6 02 | 1000 | 4 | 250 | 677613 1110346 GW 08 " | |
| 5600340-3 | 72 | 1 | 6 02 | 1000 | 4 | 250 | 677646 1109057 GW 08 " | |
| 5600340-1S | 72 | 1 | 1 | | 10 | 3 10000 | 677628 1112727 SW 99 10m Creek | |
| 5600342W | 5600342-2 | 62 | 2 | 5 1 1000 | 700 | 4 250 | 722002 1162199 GW 08 PROPOSED IN 1980 | 54 |
| 5600342-1 | 62 | 1 | 4 1 880 | 650 | 4 | 60 | 721921 1163441 GW 08 4PPVC LINER | |
| 5600343W | 466.4 | 03 | 171.7 02 | 50880 AgBoth | 22 | 5 BIRDSALL, JOHN | 56 | 08 13 1.5 11 1014 .85 |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. UNIT NO. | ALL MAX UNIT NO. | NO. UTIS CO | DATE ISS. | USE TYPE | SRNO. | SW PMS | PUMP TD | PUMP CAP. | PUMP TYP. | NIR? | YPLNR | YPLNR SRC | AQ | OWNER COMMENTS | CO PERMIT NO. | DEV NO. | AQTYPE | ST ACRES | IRR EFF |
|------------|--------------|------------------|-------------|-----------|----------|-------|--------|---------|-----------|-----------|------|-------|-----------|----|----------------|-------------------------|---------|--------|----------|---------|
| 5600343-1 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 660190 | 1115923 | GW | .06 | |
| \$600343-2 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 660237 | 1116975 | GW | .06 | |
| 5600343-3 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 661929 | 1114274 | GW | .06 | |
| 5600343-4 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 659923 | 1113634 | GW | .06 | |
| 5600343-5 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 662194 | 1112917 | GW | .06 | |
| 5600343-6 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 661953 | 1111367 | GW | .06 | |
| 5600343-7 | 71 | 3 | | | 4.02 | 900 | | | | | | | | | | 661271 | 1111389 | GW | .06 | |
| 5600343-8 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 659285 | 1112014 | GW | .06 | |
| 5600343-9 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 658425 | 1112429 | GW | .06 | |
| 5600343-10 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 658378 | 1112007 | GW | .06 | |
| 5600343-11 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 658180 | 1111063 | GW | .06 | |
| 5600343-12 | 71 | 3 | | | 5.02 | 900 | | | | | | | | | | 662053 | 1110050 | GW | .06 | |
| 5600343-13 | 71 | 3 | | | 5.02 | 900 | | | | | | | | | | 660817 | 1110087 | GW | .06 | |
| 5600343-14 | 71 | 3 | | | 4.02 | 900 | | | | | | | | | | 661973 | 1108777 | GW | .06 | |
| 5600343-15 | 71 | 1 | | | 5.02 | 900 | | | | | | | | | | 661193 | 1108972 | GW | .06 | |
| 5600343-16 | 71 | 1 | | | 5.02 | 900 | | | | | | | | | | 662007 | 1106677 | GW | .06 | |
| 5600343-17 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 657683 | 1110656 | GW | .06 | |
| 5600343-18 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 655386 | 1110702 | GW | .06 | |
| 5600343-19 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 654965 | 1110664 | GW | .06 | |
| 5600343-20 | 71 | 3 | | | 6.02 | 900 | | | | | | | | | | 656478 | 1109424 | GW | .06 | |
| 5600343-21 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 653831 | 1109816 | GW | .06 | |
| 5600343-22 | 71 | 1 | | | 10.02 | 900 | | | | | | | | | | 655297 | 1106409 | GW | .06 | |
| 5600343-23 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 652322 | 1107397 | SW | .99 | |
| 5600343-24 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 662324 | 1108051 | SW | .99 | |
| 5600343-25 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 660369 | 1113691 | SW | .99 | |
| 5600343-26 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 659804 | 1116062 | SW | .99 | |
| 5600343-27 | 71 | 1 | | | 6.02 | 900 | | | | | | | | | | 653877 | 1109228 | SW | .99 | |
| 5600344W | 38.2 | .03 | | | 6.08 | .02 | | | | | | | | | | 0 AMERICAN BELTEN, INC | | | | |
| 5600344-1 | 72 | 1 | | | 4 | .02 | | | | | | | | | | 663084 | 1133897 | GW | .06 | |
| 5600344-2 | 72 | 1 | | | 02 | | | | | | | | | | | 662939 | 1134565 | GW | .06 | |
| 5600345W | 29.7 | .03 | | | 10.9 | .02 | | | | | | | | | | 1 CASSENS GROVE SERVICE | | | | |
| 5600345-1 | 72 | 1 | | | 5 | .02 | | | | | | | | | | 664576 | 1125777 | GW | .06 | |
| 5600345-2 | 72 | 1 | | | 4 | .02 | | | | | | | | | | 663819 | 1124233 | GW | .06 | |
| 5600345-3 | 72 | 1 | | | 02 | | | | | | | | | | | 665549 | 1122283 | SW | .99 | C-57 |
| 5600345-4 | 71 | 1 | | | 02 | | | | | | | | | | | | | | | |
| 5600345-5 | 71 | 1 | | | 02 | | | | | | | | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL STATION NO. | OPN/PUMP | PHP | PUMPS | CD | INT | TYP. | CAP. | NIR? | YPLNR | YPLNR SRC | AQ | OWNER COMMENTS | CO PERMIT NO. | DEV NO. | AQTYPE | ST ACRES | IRR EFF | |
|------------|-----------------|-----------|------------------|----------|-----|-------|------|-----|------|------|------|-------|-----------|----|----------------|---------------|-------------------------|---------|----------|---------|-----|
| 5600343-1 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 660237 | 1116975 | GW | .06 | |
| 5600343-2 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 270 | 661929 | 1114274 | GW | .06 | |
| 5600343-3 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 659923 | 1113634 | GW | .06 | |
| 5600343-4 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 270 | 662194 | 1112917 | GW | .06 | |
| 5600343-5 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 661953 | 1111367 | GW | .06 | |
| 5600343-6 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 110 | 661271 | 1111389 | GW | .06 | |
| 5600343-7 | 71 | 3 | | 4.02 | 900 | | | | | | | | | | | 270 | 659285 | 1112014 | GW | .06 | |
| 5600343-8 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 658425 | 1112429 | GW | .06 | |
| 5600343-9 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 658378 | 1112007 | GW | .06 | |
| 5600343-10 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 658180 | 1111063 | GW | .06 | |
| 5600343-11 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 450 | 662053 | 1110050 | GW | .06 | |
| 5600343-12 | 71 | 3 | | 5.02 | 900 | | | | | | | | | | | 185 | 660817 | 1110087 | GW | .06 | |
| 5600343-13 | 71 | 3 | | 5.02 | 900 | | | | | | | | | | | 110 | 661973 | 1108777 | GW | .06 | |
| 5600343-14 | 71 | 3 | | 4.02 | 900 | | | | | | | | | | | 110 | 661193 | 1108972 | GW | .06 | |
| 5600343-15 | 71 | 1 | | 5.02 | 900 | | | | | | | | | | | 185 | 662007 | 1106677 | GW | .06 | |
| 5600343-16 | 71 | 1 | | 5.02 | 900 | | | | | | | | | | | 185 | 657683 | 1110656 | GW | .06 | |
| 5600343-17 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 270 | 655386 | 1110702 | GW | .06 | |
| 5600343-18 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 654965 | 1110664 | GW | .06 | |
| 5600343-19 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 656478 | 1109424 | GW | .06 | |
| 5600343-20 | 71 | 3 | | 6.02 | 900 | | | | | | | | | | | 270 | 653831 | 1109816 | GW | .06 | |
| 5600343-21 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 270 | 655297 | 1106409 | GW | .06 | |
| 5600343-22 | 71 | 1 | | 10.02 | 900 | | | | | | | | | | | 1200 | 652322 | 1107397 | SW | .99 | |
| 5600343-23 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 8000 | 662324 | 1108051 | SW | .99 | |
| 5600343-24 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 6000 | 660369 | 1113691 | SW | .99 | |
| 5600343-25 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 8000 | 659804 | 1116062 | SW | .99 | |
| 5600343-26 | 71 | 1 | | 6.02 | 900 | | | | | | | | | | | 6000 | 653877 | 1109228 | SW | .99 | |
| 5600343-27 | 71 | 1 | | 6.08 | .02 | | | | | | | | | | | 2 | 1 CASSENS GROVE SERVICE | | | | |
| 5600344W | 38.2 | .03 | | 6.08 | .02 | | | | | | | | | | | 150 | 663084 | 1133897 | GW | .06 | |
| 5600344-1 | 72 | 1 | | 4 | .02 | | | | | | | | | | | 10000 | 662939 | 1134565 | GW | .06 | |
| 5600344-2 | 72 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345W | 29.7 | .03 | | 10.9 | .02 | | | | | | | | | | | 3 | 4000 | 664576 | 1125777 | GW | .06 |
| 5600345-1 | 72 | 1 | | 5 | .02 | | | | | | | | | | | 4 | 300 | 663819 | 1124233 | GW | .06 |
| 5600345-2 | 72 | 1 | | 4 | .02 | | | | | | | | | | | 3 | 250 | 663549 | 1122283 | SW | .99 |
| 5600345-3 | 72 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-4 | 71 | 1 | | 6 | .02 | | | | | | | | | | | | | | | | |
| 5600345-5 | 71 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-6 | 71 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-7 | 72 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-8 | 72 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-9 | 72 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-10 | 72 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-11 | 72 | 1 | | 02 | | | | | | | | | | | | | | | | | |
| 5600345-12 | 72 | 1 | | 02 | | | </td | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|------------|------------|----|-------|----|------|----|---------------|-----|---------|--------------------------------|---|-------------------------------|----|----|-----|----|-----|-----|--|
| 5600346W | 5600346-1 | 72 | 21.9 | 03 | 3.48 | 02 | 50880 AGR SW | 4 | 250 | 0 DILLIN BROTHERS CITR | | 56 | 08 | 13 | 1.5 | 11 | 20 | .50 | |
| | | | | | 5 | 02 | 900 | | | 666191 1122247 GW | 08 EXPIRED | | | | | | | | |
| 5600347W | 5600347-1 | 71 | 34.5 | 03 | 12.7 | 02 | 50880 AGR SW | 1 | 250 | 0 SLOMIN, RALPH & ROBERTA | | 56 | 08 | 13 | 0.8 | 11 | 75 | .85 | |
| | | | | | 6 | 02 | 600 | | | 650459 1133457 GW | 08 Cap. is est. | | | | | | | | |
| 5600348W | 5600348-1 | 72 | 39.6 | 03 | 14.6 | 02 | 50880 AGRboth | 1 | 1 | 1 WINGFIELD, INC | | 56 | 08 | 13 | 0.8 | 11 | 86 | .85 | |
| | | | | | 8 | 02 | 980 | 300 | 4 | 674319 1126108 GW | 08 | | | | | | | | |
| 5600348-1S | 5600348-1S | 72 | 1 | | 1 | | 6. | 2 | 6500 | 673750 1126972 SW | 99 C-54 | | | | | | | | |
| 5600348-1C | 5600348-1C | 04 | | | 1 | | 6. | 6. | 6500 | 673750 1126972 SW | 99 Ditch-54, Location is guess, cap. is guess | | | | | | | | |
| 5600349W | 5600349-1 | 71 | 218.2 | 03 | 30.2 | 02 | 50880 AGR SW | 5 | 200 | 0 EVANS PROPERTIES, INC. | | 56 | 08 | 13 | 1.5 | 11 | 279 | .50 | |
| | | | | | 6 | 02 | 860 | 260 | 4 | 662068 1122979 GW | 08 | | | | | | | | |
| 5600349-2 | 5600349-2 | 71 | 1 | | 4 | 02 | 860 | 260 | 4 | 660064 1122944 GW | 08 | | | | | | | | |
| 5600349-3 | 5600349-3 | 71 | 1 | | 4 | 02 | 860 | 260 | 4 | 659980 1122111 GW | 08 | | | | | | | | |
| 5600349-4 | 5600349-4 | 71 | 1 | | 5 | 02 | 860 | 260 | 4 | 658667 1123073 GW | 08 | | | | | | | | |
| 5600349-5 | 5600349-5 | 71 | 1 | | 5 | 02 | 860 | 260 | 4 | 658055 1122514 GW | 08 | | | | | | | | |
| 5600350W | 5600350-1 | 72 | 33.1 | 03 | 12.2 | 02 | 50880 AGRboth | 4 | 1 | 1 KIRCHHOFF, WILLIAM - TRUSTEE | | 56 | 08 | 13 | 0.8 | 11 | 72 | .85 | |
| | | | | | 5 | 02 | 900 | 250 | 4 | 150 | 670706 1106474 GW | 08 Cap. is est. | | | | | | | |
| 5600350-2 | 5600350-2 | 72 | 1 | | 6 | 02 | 900 | 250 | 4 | 250 | 669312 1106027 GW | 08 " | | | | | | | |
| 5600350-3 | 5600350-3 | 72 | 1 | | 4 | 02 | 900 | 250 | 4 | 100 | 668995 1106502 GW | 08 " | | | | | | | |
| 5600350-4 | 5600350-4 | 72 | 1 | | 5 | 02 | 900 | 250 | 4 | 150 | 668400 1106000 GW | 08 " | | | | | | | |
| 5600350-1S | 5600350-1S | 72 | 1 | | 02 | | 1 | 450 | | 667425 1105977 SW | 99 C-85 | | | | | | | | |
| 5600351W | 5600351-1 | 71 | 13.9 | 2 | 13.9 | 2 | 50880 AGRboth | 3 | 1 | CARE, R F & HARVEST | | 56 | 08 | 13 | 0.8 | 11 | 40 | 0.5 | |
| | | | | | 6 | 2 | 850 | | | 650 N | 650074. 1136822 GW | 08 EXPIRED | | | | | | | |
| 5600351-2 | 5600351-2 | 71 | 1 | | 8 | 2 | 850 | | | 650 N | 650076. 1136318 GW | 08 NEW PERMIT NOT IN FILE | | | | | | | |
| 5600351-3 | 5600351-3 | 71 | 1 | | 8 | 2 | 850 | | | 450 N | 650079. 1135611 GW | 08 WORKED OFF PLD PERMIT 1980 | | | | | | | |
| 5600351-4S | 5600351-4S | 71 | 1 | | 2 | | | 1 | 10000 N | 650072. 1137428 SW | 99 CANAL 61, 2 WAY PUMP | | | | | | | | |
| 5600352W | 5600352-1 | 72 | 1 | | 14.9 | 2 | 50880 AGR SW | 1 | 650 | 0 CASSENS GROVE SERVICE | | 56 | 08 | 13 | 1.5 | 11 | 52 | 0.5 | |
| | | | | | 10 | 2 | 10000 | 200 | 4 | 679473 1114794 GW | 08 | | | | | | | | |
| 5600353W | 5600353-5 | 72 | 1 | | 41.7 | 2 | AGR SW | 1 | 10000 | 0 TRUST, "J" | | 56 | 08 | 13 | 0.8 | 11 | 160 | 0.5 | |
| | | | | | 8 | 2 | | 3 | 10000 | 670212 1134953 SW | 99 C-62 | | | | | | | | |
| 5600354W | 5600354-1 | 83 | 258.9 | 3 | 95.3 | 2 | 50880 AGRboth | 3 | 425 | 0 DL SCOTTY & CO., INC. | | 56 | 08 | 13 | 1.5 | 11 | 360 | 0.5 | |
| | | | | | 8 | 2 | 876 | 320 | 4 | 680166 1101594 GW | 08 | | | | | | | | |
| 5600354-2 | 5600354-2 | 83 | 1 | | 7 | 2 | 392 | 344 | 4 | 360 | 680000 1102919 GW | 08 | | | | | | | |
| 5600354-3 | 5600354-3 | 83 | 1 | | 8 | 2 | 412 | 412 | 4 | 200 | 678247 1103453 GW | 08 | | | | | | | |
| 5600354-15 | 5600354-15 | 83 | 1 | | 2 | | | 3 | 12000 | 679985 1102763 SW | 99 C-90 | | | | | | | | |
| 5600354-25 | 5600354-25 | 83 | 1 | | 2 | | | 3 | 3000 | 681315 1104135 SW | 99 C-91 | | | | | | | | |
| 5600354-35 | 5600354-35 | 83 | 1 | | 2 | | | 3 | 6000 | 676983 1103516 SW | 99 11th Creek | | | | | | | | |
| 5600354-45 | 5600354-45 | 83 | 1 | | 2 | | | 3 | 3000 | 677672 1104384 SW | 99 C-91 | | | | | | | | |
| 5600354-55 | 5600354-55 | 83 | 1 | | 2 | | | 3 | 3000 | 678787 1103622 SW | 99 C-91 | | | | | | | | |
| 5600354-65 | 5600354-65 | 83 | 1 | | 2 | | | 3 | 3000 | 678334 1104547 SW | 99 C-91 | | | | | | | | |
| 5600355W | 5600355-1 | 72 | 95.6 | 3 | 35.2 | 2 | 50880 AGRboth | 4 | 850 | 0 HAMILTON, INEZ | | 56 | 08 | 13 | 1.5 | 11 | 122 | 0.5 | |
| | | | | | 10 | 2 | 980 | 320 | 4 | 664275 1139814 GW | 08 Cap. is est. | | | | | | | | |
| 5600355-2 | 5600355-2 | 72 | 1 | | 6 | 2 | 800 | | | 664923 1139503 GW | 08 " | | | | | | | | |
| 5600355-3 | 5600355-3 | 72 | 1 | | 6 | 2 | 800 | | | 663302 1139845 GW | 08 " | | | | | | | | |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | MAX. INT. NO. | DATE USE SRCNO. | CROP SOIL RAIN | IRR |
|--------------|---------------|-----------------|----------------|-----------|
| AN. UNIT NO. | UTS CO. ISS. | TYPE U.S. | PHPS OWNER | ACRES EFF |
| ALL. | | SU | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. | DEPTH SDPA. | PUMP TYPE | INT TYP CAP. | MTR? XPLNR YPLNR | SRV AQ | COMMENTS | | |
|-------------|-----------------|-----------|----------|-------------|---------------|----------------|----------------------------|----------------------|-----------------------------------|-------|--|
| 56003555-1C | 72 | 1 | 1 | 6 1000 | 10 | 4 250 | 664223 1139212 | GU 08 " | C-25 | | |
| 56003555-25 | 72 | 1 | 1 | 1 | 15 | 1 10000 | 664233 1140099 | SU 99 | C-57 | | |
| 56003555-2C | 72 | 4 | 2 | | | | 665342 1139237 | SU 99 | C-25, culvert | | |
| 56003555-1C | 72 | 4 | 2 | | | | 664117 1139504 | SU 99 | C-25, Location is Guess., culvert | | |
| 5600357N | 382.7 | 3 | 140.9 | 2 | 61280 AGRboth | 3 | 3 EVANS PROPERTIES, INC. | 56 | | | |
| 5600357-1 | 71 | 1 | 8 | 2 | 4 | 1100 | 664112 1109185 | GU 08 | | | |
| 5600357-2 | 71 | 1 | 6 | 2 | 4 | 225 | 644971 1105801 | GU 08 | | | |
| 5600357-3 | 71 | 1 | 10 | 2 | 4 | 1200 | 643438 1109182 | GU 08 Cap. is estim. | | | |
| 5600357-1S | 71 | 1 | 2 | 2 | 3 | 25000 | 643510 1113333 | SU 99 | Rollison C | | |
| 5600357-2S | 71 | 1 | 2 | 2 | 3 | 60000 | 645767 1113624 | SU 99 | Rollison C | | |
| 5600357-3S | 71 | 1 | 2 | 2 | 3 | 25000 | 646703 1110440 | SU 99 | C-24 | | |
| 5600358N | 33.3 | 3 | 12.26 | 2 | 61280 AGR SW | 0 | 2 BROWN, R.L. | 56 | | | |
| 5600358-1 | 72 | 1 | 2 | 2 | 3 | 3000 | 665695 1131373 | SU 99 | C-57 | | |
| 5600358-2 | 72 | 1 | 2 | 2 | 3 | 3000 | 665765 1130078 | SU 99 | | | |
| 5600359N | 17 | 3 | 6.26 | 2 | 61280 AGR SW | 2 | 0 BRONSON GROVES, INC. | 56 | | | |
| 5600359-1 | 72 | 3 | 5 | 2 1000 | 100 | 682511 1106436 | GU 08 | | | | |
| 5600359-2 | 83 | 1 | 6 | 2 1000 | 150 | 682555 1105652 | GU 08 | | | | |
| 5600360N | 25.9 | 3 | 9.56 | 2 | 61280 AGRboth | 2 | 0 JOHNSON, A | 56 | | | |
| 5600360-1 | 72 | 1 | 4 | 2 700 | 6 | 100 | 697092 1136431 | GU 08 | | | |
| 5600360-2 | 72 | 1 | 4 | 2 500 | 4 | 45 | 698564 1137226 | GU 08 | | | |
| 5600363N | 125.1 | 3 | 46 | 2 | 71080 AGRboth | 0 | 1 CHICAGO CITRUS INVESTORS | 56 | | | |
| 5600363-1S | 82 | 1 | 1 | 1 | 15 | 3 15000 | 659164 1095068 | SU 99 | C-78 | | |
| 5600365N | 9.2 | 3 | 3.39 | 2 | 71080 AGR SW | 2 | 0 BAILEY, CDV LEE | 56 | | | |
| 5600365-1 | 83 | 1 | 4 | 1 | 26 | 23 15 | 350 | 677765 1097595 | GU 02 | | |
| 5600365-2 | 83 | 1 | 4 | 2 | 600 | 240 | 4 | 150 | 6777282 1098141 | GU 08 | |
| 5600366N | 150.3 | 3 | 55.3 | 2 | 71080 AGRboth | 6 | 2 MINITO GROVES | 56 | | | |
| 5600366-1 | 72 | 1 | 5 | 2 500 | 300 | 4 | 250 | 676945 1108005 | GU 08 Cap. is estim. | | |
| 5600366-2 | 72 | 1 | 5 | 2 500 | 300 | 3 | 250 | 677592 1108547 | GU 08 " | | |

| | | | | | | | | | | | | | | |
|-------------|-------|---|------|-----|-------|----------|-------|------------------------------|---------|---------|---------|----------------------------|--------------------------|------|
| 5600366-3 | 72 | 5 | 2 | 500 | 300 | 4 | 250 | 674881 | 1105994 | CW | 08 | " | | |
| 5600366-4 | 72 | 6 | 2 | 500 | 300 | 4 | 250 | 674880 | 1106660 | CW | 08 | " | | |
| 5600366-5 | 72 | 5 | 2 | 500 | 300 | 4 | 250 | 677071 | 1107495 | CW | 08 | " | | |
| 5600366-6 | 72 | 3 | 2 | 500 | 300 | 3 | 75 | 676226 | 1106931 | CW | 08 | " | | |
| 5600366-7 | 72 | 4 | 2 | 500 | 300 | 4 | 100 | 675573 | 1107471 | CW | 08 | " | | |
| 5600366-8 | 72 | 5 | 2 | 500 | 300 | 4 | 250 | 676473 | 1107431 | CW | 08 | " | | |
| 5600366-1S | 72 | 2 | | | | 3 | 25000 | 674489 | 1108047 | SU | 99 | C-83 | | |
| 5600366-2S | 72 | 2 | | | | 3 | 25000 | 674489 | 1108047 | SU | 99 | C-83, Location is Guess. | | |
| 5600366-1C | 72 | 2 | | | | | | | | | | 11 in Creek, culvert | | |
| 5600367W | 53.1 | 3 | 19.5 | 2 | 71080 | Agrboth | 2 | 2 BECKER HOLDING CORPORATION | 56 | ' | | | | |
| | | | 6 | 2 | | | 300 | 668677 | 1097664 | CW | 08 | PERMIT states Floridan use | | |
| 5600367-2 | 83 | 1 | 4 | 2 | | | 125 | 669366 | 1097134 | CW | 08 | " | | |
| 5600367-1S | 83 | 1 | 2 | | | 1 | 6000 | 668453 | 1096900 | SU | 99 | C-85 | | |
| 5600367-2S | 83 | 1 | 2 | | | 1 | 950 | 668475 | 1096616 | SU | 99 | C-85 | | |
| 5600368W | 7.51 | 2 | 7.51 | 2 | 71080 | Agrboth | 1 | 1 STONE, JR., C | 56 | | | | | |
| | | | 4 | 2 | 600 | | 100 | 650903 | 1101666 | CW | 08 | | | |
| 5600368-1 | 82 | 1 | 10 | 2 | 1300 | 380 | 4 | 1650 | 653853 | 1101249 | CW | 08 | | |
| 5600368-1S | 82 | 3 | 8 | 2 | 1100 | 360 | 4 | 600 | 653317 | 1100329 | CW | 08 | | |
| 5600368-2 | 82 | 1 | 10 | 2 | 1300 | 440 | 4 | 1250 | 653012 | 1100345 | CW | 08 | | |
| 5600369-4 | 82 | 3 | 4 | 2 | 1000 | 380 | 4 | 150 | 652520 | 1101909 | CW | 08 | | |
| 5600369W | 54 | 3 | 19.9 | 2 | 71080 | Agr both | 4 | 0 OLVERHOUSE, JOHN B | 56 | | | | | |
| | | | 10 | 2 | 1300 | 380 | 4 | 1650 | 653853 | 1101249 | CW | 08 | | |
| 5600369-1 | 82 | 1 | 8 | 2 | 1100 | 360 | 4 | 600 | 653317 | 1100329 | CW | 08 | | |
| 5600369-2 | 82 | 3 | 6 | 2 | 1000 | 440 | 4 | 1250 | 653012 | 1100345 | CW | 08 | | |
| 5600369-3 | 82 | 1 | 10 | 2 | 1300 | 380 | 4 | 150 | 652520 | 1101909 | CW | 08 | | |
| 5600369-4 | 82 | 3 | 4 | 2 | 1000 | 380 | 4 | 150 | 652520 | 1101909 | CW | 08 | | |
| 5600370W | 162.2 | 3 | 60.4 | 2 | 71080 | Agr both | 10 | 3 SCOTT & COMPANY, D.L. | 56 | | | | | |
| | | | 8 | 2 | 1000 | 2300 | 4 | 384 | 672266 | 1099954 | CW | 08 | | |
| 5600370-1 | 83 | 1 | 5 | 2 | 1000 | 2300 | 4 | 286 | 670991 | 1099915 | CW | 08 | | |
| 5600370-2 | 83 | 1 | 6 | 2 | 800 | 2300 | 4 | 213 | 671101 | 1098977 | CW | 08 | | |
| 5600370-3 | 83 | 1 | 4 | 2 | 800 | 2300 | 4 | 236 | 672256 | 1098935 | CW | 08 | | |
| 5600370-4 | 83 | 1 | 5 | 2 | 1000 | 2300 | 4 | 334 | 672825 | 1098658 | CW | 08 | | |
| 5600370-5 | 83 | 1 | 5 | 2 | 1000 | 2300 | 4 | 176 | 673132 | 1098724 | CW | 08 | | |
| 5600370-6 | 83 | 1 | 6 | 2 | 1000 | 2300 | 4 | 603 | 672806 | 1098048 | CW | 08 | | |
| 5600370-7 | 83 | 1 | 8 | 2 | 1000 | 2300 | 4 | 339 | 673218 | 1097561 | CW | 08 | | |
| 5600370-8 | 83 | 1 | 6 | 2 | 1000 | 2300 | 4 | 213 | 673443 | 1098204 | CW | 08 | Cap. is guess. | |
| 5600370-9 | 83 | 3 | 4 | 2 | 800 | 2300 | 4 | 160 | 674251 | 1099295 | CW | 08 | | |
| 5600370-10 | 83 | 1 | 5 | 2 | 1000 | 2300 | 4 | 300 | 674551 | 1099295 | SU | 99 | C-85, Location is guess. | |
| 5600370-11S | 83 | 1 | 2 | | | 1 | 13 | 3 | 10000 | 674551 | 1099295 | SU | 99 | C-85 |
| 5600370-12 | 83 | 1 | 1 | | | 1 | 3 | 6000 | 674551 | 1099295 | SU | 99 | C-87 | |
| 5600370-13S | 83 | 1 | 2 | | | 3 | 6000 | 674551 | 1099295 | SU | 99 | C-87 | | |
| 5600372W | 6.2 | 3 | 3 | 2 | 71080 | Agr both | 1 | 1 VACHON, ONDIE | 56 | | | | | |
| | | | 6 | 2 | 900 | 4 | 150 | 673846 | 1097175 | CW | 08 | | | |
| 5600372-1 | 83 | 3 | 6 | 2 | 900 | 1 | 400 | 673803 | 1096906 | SU | 99 | C-87 | | |
| 5600372-1S | 83 | 1 | 2 | | | | | | | | | | | |
| 5600373W | 8.37 | 3 | 3.09 | 2 | 71080 | Agr both | 1 | 1 JOHNSTON, D | 56 | | | | | |
| | | | 6 | 2 | | 4 | 223 | 673821 | 1102093 | CW | 08 | | | |
| 5600374W | 3.62 | 2 | 3.62 | 2 | 71080 | Agr both | 0 | 2 HOEFFNER, S | 56 | | | | | |
| | | | 2 | 2 | | 3 | 3500 | 701648 | 1134794 | SU | 99 | | | |
| 5600374-15 | 72 | 1 | 1 | | | 2 | 3 | 3500 | 702145 | 1134814 | SU | 99 | | |
| 5600374-2S | 72 | 1 | 1 | | | | | | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AM. | All Unit No. | Max Uts Co | Date Iss. | Use U.S. | Pump Type | Pumps | Su | CD | Int Cap. | Mtr? | Xpmr | Ypmr | Src | Ad | Coments | Co Permit No. | Dev No. | Actype | Type | St Acres | Eff |
|------------|-----|--------------|------------|-----------|----------|-----------|-------|----|----|----------|------|------|------|-----|----|---------|---------------|---------|--------|------|----------|-----|
| | | | | | | | | | | | | | | | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| Facility Number | Quad. | Well No. | Dpin No. | Uts Co | Date Iss. | Pump Type | Pumps | Su | CD | Int Cap. | Mtr? | Xpmr | Ypmr | Src | Ad | Coments | Co Permit No. | Dev No. | Actype | Type | St Acres | Eff |
|-----------------|-------|----------|----------|--------|-----------|-----------|-------|----|----|----------|------|------|------|-----|----|---------|---------------|---------|--------|------|----------|-----|
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|------------|--------|---|-------|---|-------|----------|---|-------|----------------------------|---------------------|---------|---------|-----------------------|-------------------|----|----|----|-----|----|----|------|
| 5600378W | 8.28 | 3 | 3 | 2 | 71050 | Agr/both | 4 | 1 | 0 | NAVAJO GROVES, INC. | 685565 | 1107817 | GU | 06 | 56 | 06 | 13 | 0.8 | 11 | 18 | 0.85 |
| 5600380W | 333.8 | 3 | 122.8 | 2 | 81480 | Agr/both | 3 | 100 | 666154 | 1120269 | GU | 06 | Used to fill sprayers | 56 | | | | | | | |
| 5600380-1 | 72 | 1 | 4 | 2 | | | 3 | 100 | 666460 | 1115250 | GU | 06 | " | | | | | | | | |
| 5600380-2 | 72 | 1 | 4 | 2 | | | 3 | 100 | 666289 | 1116454 | GU | 06 | " | | | | | | | | |
| 5600380-3 | 72 | 1 | 4 | 2 | | | 3 | 100 | 665748 | 1120628 | GU | 99 | C-58871,HeaderC | | | | | | | | |
| 5600380-15 | 72 | 1 | 2 | | | | 3 | 4000 | 667071 | 1116258 | GU | 99 | C-58871,HeaderC | | | | | | | | |
| 5600380-25 | 72 | 1 | 2 | | | | 3 | 4000 | 665584 | 1115906 | GU | 99 | C-58871,HeaderC | | | | | | | | |
| 5600380-35 | 72 | 1 | 2 | | | | 3 | 10000 | 663142 | 1114769 | GU | 99 | C-58871,HeaderC | | | | | | | | |
| 5600380-45 | 72 | 1 | 2 | | | | 3 | 10000 | 665675 | 1113739 | GU | 99 | C-58871,HeaderC | | | | | | | | |
| 5600380-55 | 72 | 1 | 2 | | | | | | | | | | | | | | | | | | |
| 5600381W | 111 | 3 | 40.8 | 2 | 81480 | Agr/both | 5 | 2 | EVANS PROPERTIES, INC. | 669465 | 1094707 | GU | 06 | | 56 | | | | | | |
| 5600381-1 | 83 | 3 | 4 | 2 | 700 | 225 | 4 | 100 | 669528 | 1094656 | GU | 06 | | | | | | | | | |
| 5600381-2 | 83 | 3 | 4 | 2 | 700 | 225 | 4 | 100 | 669494 | 1094440 | GU | 06 | | | | | | | | | |
| 5600381-3 | 83 | 1 | 4 | 2 | 700 | 225 | 4 | 100 | 669492 | 1093942 | GU | 06 | | | | | | | | | |
| 5600381-4 | 83 | 3 | 4 | 2 | 700 | 225 | 4 | 100 | 669486 | 1093722 | GU | 06 | | | | | | | | | |
| 5600381-5 | 83 | 1 | 4 | 2 | 700 | 225 | 4 | 100 | 670591 | 10944678 | GU | 99 | C-85 | | | | | | | | |
| 5600381-15 | 83 | 1 | 2 | | | | 3 | 10000 | 668515 | 1093668 | GU | 99 | C-107 | | | | | | | | |
| 5600381-25 | 83 | 1 | 2 | | | | | | | | | | | | | | | | | | |
| 5600383W | 110.1 | 3 | 40.5 | 2 | 91180 | Agr/both | 5 | 2 | EVANS PROPERTIES, INC. | 658939 | 1094775 | GU | 06 | Cap. Is estimated | 56 | | | | | | |
| 5600383-1 | 82 | 4 | 4 | 2 | 700 | 225 | 4 | 100 | 659216 | 1094675 | GU | 06 | Cap. Is estimated | | | | | | | | |
| 5600383-2 | 82 | 1 | 4 | 2 | 700 | 225 | 4 | 100 | 659224 | 1092359 | GU | 06 | Cap. Is estimated | | | | | | | | |
| 5600383-3 | 82 | 1 | 6 | 2 | 700 | 225 | 4 | 250 | 658959 | 1092319 | GU | 06 | Cap. Is estimated | | | | | | | | |
| 5600383-4 | 82 | 6 | 4 | 2 | 700 | 225 | 4 | 100 | 658959 | 1092319 | GU | 06 | Location is guess. | | | | | | | | |
| 5600383-5 | 82 | 2 | 10 | 2 | 1000 | 400 | 4 | 850 | 659746 | 1092376 | GU | 99 | Removed/C-24 | | | | | | | | |
| 5600383-15 | 82 | 4 | 2 | | | | 3 | 10000 | 659987 | 1094728 | GU | 99 | C-78 | | | | | | | | |
| 5600383-25 | 82 | 1 | 2 | | | | | | | | | | | | | | | | | | |
| 5600386W | 390.96 | 3 | 143.9 | 2 | 11581 | Agr/both | 3 | 2 | PIKE, R/GERMAN HAWK GROVES | 644694 | 1070447 | GU | 06 | | 56 | | | | | | |
| 5600386-1 | 82 | 1 | 8 | 2 | 1200 | 400 | 4 | 800 | 642614 | 1080954 | GU | 06 | | | | | | | | | |
| 5600386-2 | 82 | 1 | 12 | 2 | 1200 | 400 | 4 | 1200 | 642257 | 1070761 | GU | 06 | | | | | | | | | |
| 5600386-3 | 82 | 1 | 12 | 2 | 1200 | 400 | 4 | 1200 | 644783 | 1079851 | GU | 06 | | | | | | | | | |
| 5600386-4 | 82 | 2 | 12 | 2 | 1200 | 400 | 4 | 1200 | | | | | | | | | | | | | |

| | | | | | | | | | | | | |
|------------|--------|---|-------|---|---------------|-------------|---------------------------------|---------------------|----------------------|---------|----|-------------------------------|
| 5600396-5 | 82 | 2 | 12 | 2 | 1200 | 400 | 6 | 1200 | 644697 | 1078740 | GW | 08 |
| 5600396-1S | 82 | 1 | 1 | 1 | 1 | 14 | 1 | 10000 | 646148 | 1076423 | SW | 99 |
| 5600396-2S | 82 | 1 | 1 | 1 | 1 | 11 | 1 | 12000 | 642269 | 1076409 | SW | 99 |
| 5600390-1 | 85 | 3 | 9.48 | 2 | 1000 | 11581 LAN | GW | 2 | 0 ISLAND DUNES, INC. | | | |
| 5600390-2 | 85 | 1 | 6 | 2 | 1000 | 700 | 4 | 500 | 752758 | 1079114 | GW | 08 |
| 5600390-2 | 85 | 1 | 8 | 2 | 1000 | 700 | 4 | 750 | 752975 | 1079124 | GW | 08 |
| 5600392W | 11.7 | 3 | 4.32 | 2 | 21281 AGR SW | 400 | 1 | 1 BAGGETT, W H | 693259 | 1140096 | SW | C-25 |
| 5600396W | 261.8 | 3 | 56.4 | 2 | 980 | 51481 Agbot | 8 | 1 E.B. GROVES, INC. | | | | |
| 5600396-1 | 82 | 1 | 12 | 2 | 980 | 560 | 4 | 1200 | 634076 | 1104477 | GW | 08 <Exact location Unknown |
| 5600396-2 | 82 | 1 | 12 | 2 | 980 | 535 | 4 | 1200 | 640493 | 1104289 | GW | 08 |
| 5600396-3 | 82 | 2 | 12 | 2 | 1000 | 300 | 4 | 1200 | 637957 | 1103790 | GW | 08 |
| 5600396-4 | 82 | 2 | 12 | 2 | 1000 | 300 | 4 | 1200 | 640402 | 1103312 | GW | 08 |
| 5600396-5 | 82 | 2 | 12 | 2 | 1000 | 300 | 4 | 1200 | 637824 | 1101795 | GW | 08 |
| 5600396-6 | 82 | 2 | 12 | 2 | 1000 | 300 | 4 | 1200 | 640273 | 1101094 | GW | 08 |
| 5600396-7 | 82 | 2 | 12 | 2 | 1000 | 300 | 4 | 1200 | 637761 | 1100872 | GW | 08 |
| 5600396-8 | 82 | 2 | 12 | 2 | 1000 | 300 | 4 | 1200 | 640261 | 1100744 | GW | 08 |
| 5600396-15 | 1 | 2 | 14 | 1 | 14 | 1 | 1 | 7500 | 640264 | 1100844 | SW | 99 C-24, location is guess. |
| 5600401 | 62.05 | 3 | 5.1 | 2 | 80681 PIASGW | 3 | 0 SPANISH LAKES C CLUB | | | | | |
| 5600401-1 | 61 | 1 | 8.00 | 2 | 100 | 80 | 3 | 220 | 697867 | 1168157 | GW | 02 |
| 5600401-2 | 61 | 1 | 8.00 | 2 | 100 | 80 | 3 | 220 | 698616 | 1168264 | GW | 02 completed well 10/89. |
| 5600401-3 | 61 | 1 | 8.00 | 2 | 100 | 80 | 3 | 220 | 699056 | 1169578 | GW | 02 |
| 5600406 | 136.00 | 3 | 22.38 | 2 | 100881 PIASGW | 2 | 0 HOLIDAY PINES SERVIC | | | | | |
| 5600406-1 | 61 | 1 | 8.00 | 2 | 100 | 70 | 3 | 700 | 699207 | 1160076 | GW | 02 |
| 5600406-2 | 61 | 1 | 8.00 | 2 | 95 | 60 | 3 | 700 | 698945 | 1160061 | GW | 02 |
| 5600407 | 137.5 | 3 | 50.60 | 2 | 100881 Agbot | 1 | 2 WILDLIFE GROVE | | | | | |
| 5600407-1 | 83 | 1 | 16.00 | 2 | 1300 | 400 | 4 | 3000 | 685049 | 1079687 | GW | 08 |
| 5600407-15 | 83 | 1 | 1 | 1 | 14 | 3 | 15000 | 679757 | 1063612 | SW | 99 | |
| 5600407-25 | 83 | 1 | 1 | 1 | 14 | 3 | 15000 | 683808 | 1079291 | SW | 99 | |
| 5600413 | 31.54 | 3 | 4.36 | 2 | 121081 MINGW | .20 | 1 STEWART, BEN TRUCKING | | | | | |
| 5600413-15 | 62 | 1 | 1 | 1 | 1 | 1 | 1 | 706067 | 1162418 | SW | 99 | |
| 5600416 | 4.20 | 2 | 4.20 | 2 | 10782 Agbot | 2 | 1 DOUGLASS, P W | | | | | |
| 5600416-1 | 86 | 1 | 8.00 | 2 | 100 | 80 | 2 | 500 | 720570 | 1094835 | GW | 02 FILE OUT-B. KIRK |
| 5600416-2 | 86 | 3 | 4.00 | 2 | 100 | 80 | 2 | 100 | 720577 | 1094321 | GW | 02 PERMIT EXPIRED 10/88 |
| 5600416-P1 | 86 | 1 | 1 | 1 | 1 | 1 | 1 | 300 | 720577 | 1094321 | SW | 99 ON SITE POND, Loc.guessed |
| 5600417 | 55.10 | 3 | 20.30 | 2 | 10782 Agbot | 10 | 3 UNIVERSITY OF FLA AGRICULTURE | | | | | |
| 5600417 | 55.10 | 3 | 20.30 | 2 | 10782 Agbot | 10 | 3 UNIVERSITY OF FLA AGRICULTURE | | | | | |
| 5600417 | 55.10 | 3 | 20.30 | 2 | 10782 Agbot | 10 | 3 UNIVERSITY OF FLA AGRICULTURE | | | | | |
| 5600417-1 | 72 | 1 | 8.00 | 2 | 800 | 300 | 4 | 45 | 686740 | 1128480 | GW | 08 |
| 5600417-2 | 72 | 1 | 6.00 | 2 | 800 | 300 | 4 | 45 | 694004 | 1125038 | GW | 08 |
| 5600417-3 | 72 | 1 | 3.00 | 2 | 800 | 300 | 4 | 45 | 694133 | 1123340 | GW | 08 Cap. est. |
| 5600417-4 | 72 | 1 | 6.00 | 2 | 110 | 110 | 1 | 150 | 692644 | 1123598 | GW | 02 |
| 5600417-5 | 72 | 1 | 1.50 | 2 | 90 | 90 | 2 | 10 | 694079 | 1126649 | GW | 02 |
| 5600417-6 | 72 | 1 | 2.00 | 2 | 90 | 90 | 2 | 10 | 692282 | 1124367 | GW | 02 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AM. UNIT NO. | ALL MAX UNIT NO. | NO. UTS | DATE ISS. CO | USE SCIND. CO | SU | CROP | SOIL | RAIN | IRR | IRR |
|------------|--------------|------------------|-----------|--------------|---------------|---------------|---------------|------------|------|-----|---------|
| PERMIT NO. | NUMBER | NO. SISDIA. | OPTIN COD | PUMP CAP. TD | PUMP CAP. CD | PUMP CAP. INT | PUMP CAP. TYP | MTR? XPLNR | SRC | AQ | COMENTS |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL SISDIA. | OPTIN COD | PUMP CAP. TD | PUMP CAP. CD | PUMP CAP. INT | PUMP CAP. TYP | MTR? XPLNR | SRC | AQ |
|------------|-----------------|-----------|--------------|-----------|--------------|--------------|---------------|---------------|------------|-----|----|
|------------|-----------------|-----------|--------------|-----------|--------------|--------------|---------------|---------------|------------|-----|----|

| | | | | | | | | | | | |
|------------|------------|----|--------|-------|-------|---------|-------|------|-----------------------|-------------|-------------------------------------|
| 5600417-7 | 72 | 1 | 2.00 | 2 | 90 | 90 | 2 | 12 | 691654 | 1124438 | GU 02 |
| 5600417-8 | 72 | 1 | 2.00 | 2 | 90 | 90 | 2 | 12 | 691190 | 1124348 | GU 02 |
| 5600417-9 | 72 | 1 | 2.00 | 2 | 90 | 90 | 2 | 12 | 691139 | 1124709 | GU 02 |
| 5600417-10 | 72 | 1 | 2.00 | 2 | 90 | 90 | 2 | 12 | 689703 | 1126535 | GU 02 |
| 5600417-11 | 72 | 1 | 2.00 | 2 | 90 | 90 | 1 | 1000 | 691147 | 1124187 | SW 99 Research Cntr. Rd. Canal |
| 5600417-15 | 72 | 1 | 2 | 2 | 90 | 90 | 1 | 1700 | 694157 | 1126702 | SW 99 Picos Rd. Canal |
| 5600417-25 | 72 | 1 | 2 | 2 | 90 | 90 | 1 | 2000 | 692888 | 1126721 | SW 99 Picos Rd. Canal |
| 5600417-35 | 72 | 1 | 2 | 2 | 90 | 90 | 1 | 2000 | 56 5600418W | | 02 20 1.5 11 86 0.75 |
| 5600418 | 76.10 | 3 | 12.60 | 2 | 10782 | AGribot | 5 | 1 | BURMAC PRODUCE, INC | | 02 61 1.5 11 22 .5 |
| 5600418 | 5600418-1 | 83 | 1 | 6.00 | 2 | 70 | 35 | 40 | 2 | 80 | 664655 1100468 GU 02 |
| | 5600418-2 | 83 | 1 | 6.00 | 2 | 70 | 35 | 3 | 100 | 664680 | 1099443 GU 02 |
| | 5600418-3 | 83 | 5 | 6.00 | 2 | 760 | 300 | 4 | 100 | 665646 | 1101193 GU 08 Plugged by District |
| | 5600418-4 | 83 | 5 | 6.00 | 2 | 760 | 300 | 4 | 100 | 665573 | 1098843 GU 08 |
| | 5600418-5 | 83 | 5 | 6.00 | 2 | 760 | 300 | 4 | 100 | 667972 | 1098991 GU 08 |
| | 5600418-15 | 83 | 1 | 2 | 2 | 760 | 300 | 3 | 2000 | 667972 | 1098991 SW 99 C-85, Loc. guessed |
| 5600421 | 13.90 | 3 | 5.16 | 2 | 21182 | AGribot | 1 | 1 | KLASSEN, VIC | 56 5600421W | 02 61 0.8 11 5 0.5 |
| 5600421 | 5600421-1 | 84 | 1 | 2.00 | 2 | 84 | 3 | 100 | 722159 | 1090338 | GU 02 |
| | 5600421-15 | 84 | 1 | 2 | 2 | 84 | 3 | 500 | 722132 | 1091135 | SW 99 Pond |
| 5600426 | 2305.30 | 3 | 846.50 | 2 | 31182 | AGribot | 10 | 4 | DUDA, A. & SONS, INC. | 56 5600426W | 06 15 0.8 24 2000 0.85 |
| 5600426 | 5600426-16 | 95 | 1 | 16.00 | 2 | 373 | 363 | 4 | 1500 | 692122 | 1057809 GU 08 Capacities estimated. |
| | 5600426-17 | 83 | 1 | 16.00 | 2 | 935 | 480 | 4 | 1500 | 6846808 | 1069803 GU 08 |
| | 5600426-19 | 83 | 1 | 4.00 | 2 | 365 | 352 | 4 | 100 | 681155 | 1071726 GU 08 |
| | 5600426-21 | 83 | 1 | 5.00 | 2 | 695 | 350 | 4 | 250 | 681632 | 1071814 GU 08 |
| | 5600426-22 | 83 | 1 | 4.00 | 2 | 733 | 355 | 4 | 100 | 672053 | 1074976 GU 08 |
| | 5600426-23 | 83 | 1 | 4.00 | 2 | 733 | 355 | 4 | 100 | 674087 | 1081346 GU 08 |
| | 5600426-24 | 83 | 5 | 4.00 | 2 | 367 | 367 | 4 | 250 | 679152 | 1074929 GU 08 |
| | 5600426-25 | 83 | 1 | 5.00 | 2 | 395 | 367 | 4 | 250 | 679424 | 1078713 GU 08 |
| | 5600426-26 | 83 | 5 | 5.00 | 2 | 395 | 367 | 4 | 250 | 679815 | 1079040 GU 08 |
| | 5600426-27 | 83 | 5 | 5.00 | 2 | 469 | 469 | 4 | 250 | 684666 | 1080754 GU 08 |
| | 5600426-18 | 83 | 1 | 4.00 | 2 | 557 | 469 | 4 | 100 | 683240 | 1075441 SW 99 C-24 |
| | 5600426-75 | 83 | 2 | 1 | 14 | 3 | 30000 | 14 | 30000 | 685248 | 1077117 SW 99 C-24 |

| | | | | | | | | | | | | |
|---------------|--------|---|--------|----|-------|---------|---------|---------|-----------------------------|---------|---------------|---|
| 5600428-PC14 | 83 | 2 | 1 | 14 | 3 | 18000 | 685248 | 1077117 | SW | 99 | C-23 | Loc. guess |
| 5600428-PC16 | 83 | 2 | 1 | 14 | 3 | 18000 | 685248 | 1077117 | SW | 99 | C-23 | Loc. guess |
| 5600428-PC13 | 83 | 1 | 1 | 8 | 0 | 18000 | 693890 | 1044686 | SW | 99 | C-24 | Loc. estim., cap. estim. |
| 5600428-14AC | 83 | 1 | 1 | 14 | 0 | 18000 | 693890 | 1044686 | SW | 99 | C-24 | Loc. estim., cap. est. |
| 5600428-16C | 83 | 4 | 1 | 12 | 18000 | 690054 | 1044625 | SW | 99 | C-24 | cap. est. | |
| 5600429 | 625.50 | 3 | 230.20 | 2 | 41582 | AGRM | 5 | 0 | MAYACA LAND CORPORATION | 56 | 5600429W | |
| 5600429-1 | 93 | 1 | 8.00 | 2 | 240 | 185 | 2 | 180 | 605958. | 1058627 | GW | 02 PERMITTED FLORIDAN : WRONG |
| 5600429-2 | 93 | 1 | 8.00 | 2 | 220 | 130 | 2 | 180 | 608046. | 1059637 | GW | 02 PROB. SURFICIAL WELLS |
| 5600429-3 | 93 | 1 | 8.00 | 2 | 220 | 130 | 2 | 180 | 608304. | 1059734 | GW | 02 THIS PERMIT ALL WRONG, FAC. CAP. TOO HIGH. |
| 5600429-4 | 93 | 1 | 8.00 | 2 | 220 | 130 | 2 | 180 | 608302. | 1059643 | GW | 02 NOT FLORIDAN, MID-HANTHORN, MAX WD. TOO HIGH |
| 5600429-5 | 93 | 3 | 10.00 | 2 | 1300 | 130 | 2 | 7 | 607491. | 1059237 | GW | 02 CAPPED, USE IN FUTURE |
| 5600430 | 42.10 | 3 | 16.00 | 2 | 41582 | AGRM | 3 | 0 | BOADEN, R R | 56 | 5600430W | |
| 5600430-1 | 59 | 1 | 10.00 | 2 | 800 | 250 | 4 | 1000 | 616100 | 1165099 | GW | 08 EXPIRED |
| 5600430-2 | 59 | 1 | 8.00 | 2 | 100 | 90 | 3 | 350 | 615100 | 1166995 | GW | 02 |
| 5600430-3 | 59 | 1 | 8.00 | 2 | 100 | 90 | 3 | 350 | 615053 | 1169378 | GW | 02 |
| 5600432 | 63.40 | 3 | 23.40 | 2 | 41582 | AGRM | 9 | 0 | SCOTT, L H. | 56 | 5600432W | |
| 5600432-1 | 59 | 2 | 10.00 | 2 | 800 | 250 | 4 | 1000 | 616246 | 1158069 | GW | 08 EXPIRED |
| 5600432-2 | 59 | 2 | 10.00 | 2 | 800 | 250 | 4 | 1000 | 616252 | 1155645 | GW | 08 |
| 5600432-3 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616148 | 1161915 | GW | 02 |
| 5600432-4 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616339 | 1160506 | GW | 02 |
| 5600432-5 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616221 | 1159263 | GW | 02 |
| 5600432-6 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616140 | 1157243 | GW | 02 |
| 5600432-7 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616255 | 1154772 | GW | 02 |
| 5600432-8 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616268 | 1153614 | GW | 02 |
| 5600432-9 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616244 | 1151987 | GW | 02 |
| 5600433 | 16.26 | 3 | 6.00 | 2 | 41582 | AGR | 3 | 0 | MCDERMID, H C | 56 | 5600433W | |
| 5600433-1 | 59 | 2 | 10.00 | 2 | 800 | 250 | 4 | 1000 | 616263 | 1164151 | GW | 08 EXPIRED |
| 5600433-2 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 615170 | 1162532 | GW | 02 |
| 5600433-3 | 59 | 2 | 8.00 | 2 | 100 | 90 | 3 | 350 | 616959 | 1162750 | GW | 02 |
| 5600437 | 143.70 | 3 | 52.90 | 2 | 61082 | Agribot | 1 | 1 | TRIPLE C RANCH | 56 | 5600437W | |
| 5600437-1 | 82 | 1 | 8.00 | 2 | 4 | 300 | 633074 | 1083365 | GW | 08 | | |
| 5600437-1S | 82 | 1 | 1 | 17 | 3 | 4000 | 636196 | 1082056 | SW | 99 | C-23 | |
| 5600437-2C | 82 | 4 | 1 | 17 | 3 | 3500 | 636028 | 1082098 | SW | 99 | Culvert | |
| 5600437-5C | 82 | 4 | 1 | 17 | 1 | 3500 | 635855 | 1081839 | SW | 99 | Culvert | |
| 5600437-PCS10 | 82 | 4 | 2 | 17 | 1 | 3500 | 636398 | 1081800 | SW | 99 | Culvert | |
| 5600439 | 91.90 | 3 | 33.80 | 2 | 61082 | Agribot | 2 | 1 | HEISETH GROVE SERVICE, INC. | 56 | 5600439W | |
| 5600439-1 | 96 | 1 | 8.00 | 2 | 1300 | 300 | 4 | 750 | 649500. | 1040162 | GW | 08 |
| 5600439-2 | 96 | 1 | 8.00 | 2 | 1300 | 300 | 4 | 750 | 649500. | 1045637 | GW | 08 |
| 5600439-4S | 96 | 1 | 1 | 17 | 1 | 16000 | 649500. | 1044533 | SW | 99 | C-23 | |
| 5600440 | 117.30 | 3 | 43.20 | 2 | 61082 | Agribot | 2 | 1 | PLATTS GROVES, INC. | 56 | 5600440W | |
| 5600440-1 | 96 | 1 | 8.00 | 2 | 1500 | 400 | 4 | 600 | 649486. | 1051870 | GW | 08 Cap. estim. |
| 5600440-2 | 96 | 1 | 8.00 | 2 | 1500 | 400 | 4 | 600 | 649493. | 1050181 | GW | 08 " |
| 5600440-1S | 96 | 1 | 1 | 10 | 3 | 10000 | 651204. | 1051197 | SW | 99 | C-23-McCartyc | |
| 5600440-1C | 96 | 1 | 1 | 10 | 3 | 10000 | 651206. | 1050793 | SW | 99 | C-23-McCartyc | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AM. ALL. | ALL MAX NO. | DATE USE SRNO. | SV | CROP SOIL MAIN | IRR | IRR |
|------------|-----------------|-----------------|-----------------|----------------------------------|----------------|---------------------|--|
| PERMIT NO. | UTS CO UNIT NO. | UTS CO UNIT NO. | CD INT TYP CAP. | MTR? XPLNR YPLNR SRC AQ COMMENTS | CO PERMIT NO. | DEV NO. | AGTYPE TYPE ST ACRES EFF |
| 5600441 | 5600441-1S | 266.70 | 73 | 3 | 21.90 | 2 | 70882 MINGH |
| | | | 1 | | -7 | 3 | 7000 |
| 5600444 | 5600444-1 | 41.40 | 72 | 1 | 15.20 | 2 | 90992 AGRbot |
| | | | 4.00 | 2 | 600 | 500 | 4 |
| | | | 3.00 | 2 | 600 | 500 | 4 |
| | | | 4.00 | 2 | 600 | 500 | 4 |
| | | | 3.00 | 2 | 600 | 500 | 4 |
| 5600444-1S | 5600444-1S | 72 | 1 | | 100 | 672913 1111311 GU | 08 Cap. estim. |
| 5600444-2 | 5600444-2 | 72 | 1 | | 100 | 672904 110806 GU | 08 " |
| 5600444-3 | 5600444-3 | 72 | 1 | | 100 | 672819 1109478 GU | 08 " |
| 5600444-4 | 5600444-4 | 72 | 1 | | 100 | 673243 1110540 GU | 08 " |
| 5600444-1S | 5600444-1S | 72 | 1 | | 10000 | 673243 1110548 SU | 99 C-82, Loc. guessed |
| | | | | | | | 5600449W |
| 5600449 | 5600449-1 | 45.00 | 96 | 1 | 8.00 | 2 | 10683 PHSGW |
| | | | 8.00 | 2 | 121 | 96 | 3 |
| | | | 8.00 | 2 | 110 | 80 | 3 |
| 5600449-2 | 5600449-2 | 96 | 2 | | 380 | 727040 105050 GU | 02 Primary well, 7 test wells on site. |
| | | | | | | 723447-1047187 GU | 02 Backup, 5 days/HO. |
| 5600450 | 5600450-1 | 355.00 | 96 | 1 | 8.00 | 2 | 10683 LANbot |
| | | | 8.00 | 2 | 121 | 96 | 3 |
| | | | 8.00 | 2 | 110 | 80 | 3 |
| 5600450-2 | 5600450-2 | 96 | 2 | | 380 | 727051 1047632 GU | 02 same wells as 449 |
| 56004501S | 56004501S | 96 | 2 | 1 | 6 | 723429 105046 GU | 02 |
| | | | | | | 723429 105046 SU | 99 C-23, Loc. guess |
| | | | | | | | 5600449W |
| 5600461 | 5600461-1 | 139.30 | 72 | 1 | 8.00 | 2 | 71483 GOL 6 |
| | | | 8.00 | 2 | 95 | 65 | 2 |
| | | | 8.00 | 2 | 95 | 65 | 2 |
| 5600461-2 | 5600461-2 | 72 | 1 | | 150 | 684266. 1145649 GU | 02 |
| 5600461-3 | 5600461-3 | 72 | 1 | | 150 | 684711. 1146762 GU | 02 |
| 5600461-4 | 5600461-4 | 72 | 1 | | 150 | 685701. 1146968 GU | 02 |
| 5600461-5 | 5600461-5 | 72 | 1 | | 150 | 685883. 1146464 GU | 02 |
| 5600461-6 | 5600461-6 | 72 | 1 | | 150 | 684714. 1146156 GU | 02 |
| 5600461-1S | 5600461-1S | 72 | 1 | | 150 | 685638. 1145250 GU | 02 |
| 5600461-2S | 5600461-2S | 72 | 1 | | 1600 | 685438. 1145250 SU | 99 GM SITE POND, Loc. estimated |
| 5600461-3S | 5600461-3S | 72 | 1 | | 20 | 720 | 685538. 1145250 SU |
| | | | | | | | " |
| 5600462 | 5600462-1 | 42.90 | 72 | 2 | .22 | 1 | 71483 PHSGW |
| | | | 8.00 | 2 | 95 | 65 | 42 02 |
| | | | 8.00 | 2 | 95 | 65 | 42 02 |
| 5600462-2 | 5600462-2 | 72 | 2 | | 150 | 686369. 1147478 GU | 02 Wells proposed in 1983, coarses unobtainable. |
| 5600462-3 | 5600462-3 | 72 | 2 | | 150 | 686976. 1147874 GU | 02 No correspondence in file |
| | | | | | | 6833956. 1148172 GU | 02 indicating an existing status as of 2-25-90. |
| 5600472 | 563.70 | 3 | | | 200.10 | 2 | 11284 AGR |
| | | | | | | | 3 GOLDA LAND CORPORATION |
| | | | | | | | 56 5600472W |
| | | | | | | | 08 13 1.5 11 1182 0.65 |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NUMBER | FACILITY NUMBER | QUAD. NO. | DPDN NO. SISDIA. | PHP | PUM | PPMP | DATE ISS. CO | USE TYP. | MAX W.L.S. | SRNO. | SV | CROPS | OWNER | CO COMMENTS |
|---------------|-----------------|-----------|------------------|-----|--------|--------------------|--------------------|----------|------------|-------|---------------------------|--|-------------|-------------|
| 5600441 | 5600441-1S | 266.70 | 73 | 3 | 21.90 | 2 | 70882 MINGH | | | 7000 | | 1 DICKERSON, INC | 56 5600441W | |
| | | | 1 | | | | | | | | | | | |
| 5600444 | 5600444-1 | 41.40 | 72 | 1 | 15.20 | 2 | 90992 AGRbot | | | 4 | 1 EGAN, BERNARD A | 04 Cap. estim. | 56 5600444W | |
| | | | 4.00 | 2 | 600 | 500 | 4 | | | | | | | |
| | | | 3.00 | 2 | 600 | 500 | 4 | | | | | | | |
| | | | 4.00 | 2 | 600 | 500 | 4 | | | | | | | |
| | | | 3.00 | 2 | 600 | 500 | 4 | | | | | | | |
| 5600444-1S | 5600444-1S | 72 | 1 | | 100 | 672819 1109478 GU | | | | | | | | |
| 5600444-2 | 5600444-2 | 72 | 1 | | 100 | 673243 1110540 GU | | | | | | | | |
| 5600444-3 | 5600444-3 | 72 | 1 | | 100 | 673243 1110548 SU | | | | | | | | |
| 5600444-4 | 5600444-4 | 72 | 1 | | 10000 | 673243 1110548 SU | | | | | | | | |
| | | | | | | | | | | | | | | |
| 5600445 | 5600445-1 | 96 | 1 | | 8.00 | 2 | 10683 LANBOT | | | 3 | 0 HARBOUR RIDGE, LTD | 02 Primary well, 7 test wells on site. | 56 5600450W | |
| | | | 8.00 | 2 | 121 | 96 | 3 | | | | | | | |
| | | | 8.00 | 2 | 110 | 80 | 3 | | | | | | | |
| 5600450 | 5600450-1 | 355.00 | 96 | 1 | 8.00 | 2 | 10683 LANBOT | | | 380 | 727051 1047632 GU | 02 same wells as 449 | 56 5600450W | |
| | | | 8.00 | 2 | 121 | 96 | 3 | | | | | | | |
| | | | 8.00 | 2 | 110 | 80 | 3 | | | | | | | |
| 5600450-2 | 5600450-2 | 96 | 2 | | 380 | 723429 105046 GU | | | | | | | | |
| 56004501S | 56004501S | 96 | 2 | 1 | 6 | 900 | 723429 105046 SU | | | | | | | |
| | | | | | | | | | | | | | | |
| 5600461 | 5600461-1 | 139.30 | 72 | 1 | 8.00 | 2 | 71483 GOL 6 | | | 3 | 3 HEADWOOD DEVELOPT CORP. | 02 Primary well, 7 test wells on site. | 56 5600461W | |
| | | | 8.00 | 2 | 95 | 65 | 2 | | | | | | | |
| | | | 8.00 | 2 | 95 | 65 | 2 | | | | | | | |
| 5600461-2 | 5600461-2 | 72 | 1 | | 150 | 684266. 1145649 GU | | | | | | | | |
| 5600461-3 | 5600461-3 | 72 | 1 | | 150 | 684711. 1146762 GU | | | | | | | | |
| 5600461-4 | 5600461-4 | 72 | 1 | | 150 | 685701. 1146968 GU | | | | | | | | |
| 5600461-5 | 5600461-5 | 72 | 1 | | 150 | 685883. 1146464 GU | | | | | | | | |
| 5600461-6 | 5600461-6 | 72 | 1 | | 150 | 684714. 1146156 GU | | | | | | | | |
| 5600461-1S | 5600461-1S | 72 | 1 | | 150 | 685638. 1145250 GU | | | | | | | | |
| 5600461-2S | 5600461-2S | 72 | 1 | | 1600 | 685438. 1145250 SU | | | | | | | | |
| 5600461-3S | 5600461-3S | 72 | 1 | | 20 | 720 | 685538. 1145250 SU | | | | | | | |
| | | | | | | | | | | | | | | |
| 5600462 | 5600462-1 | 42.90 | 72 | 2 | .22 | 1 | 71483 PHSGW | | | 3 | 0 MONTE CARLO C CLUB | 02 Wells proposed in 1983, coarses unobtainable. | 56 5600462W | |
| | | | 8.00 | 2 | 95 | 65 | 42 02 | | | | | | | |
| | | | 8.00 | 2 | 95 | 65 | 42 02 | | | | | | | |
| 5600462-2 | 5600462-2 | 72 | 2 | | 150 | 686369. 1147478 GU | | | | | | | | |
| 5600462-3 | 5600462-3 | 72 | 2 | | 150 | 686976. 1147874 GU | | | | | | | | |
| | | | 8.00 | 2 | 95 | 65 | 42 02 | | | | | | | |
| 5600472 | 563.70 | 3 | | | 200.10 | 2 | 11284 AGR | | | 3 | 2 GOLDA LAND CORPORATION | 02 Primary well, 7 test wells on site. | 56 5600472W | |
| | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|------------|---------|---|---------|---|-------|------|----|-------------------|-------|----------------------------------|----------|----|----|---------------------------|
| 5600472-1 | 70 | 1 | 6.00 | 2 | 1000 | 300 | 4 | 400 | | 612792. | 1132662 | GU | 08 | Pumpage reports required. |
| 5600472-2 | 70 | 1 | 6.00 | 2 | 1000 | 300 | 4 | 400 | | 614765. | 1135596 | GU | 08 | " |
| 5600472-3 | 70 | 1 | 6.00 | 2 | 1000 | 300 | 4 | 400 | | 614747. | 1141957 | GU | 08 | " |
| 5600472-15 | 70 | 1 | 6.00 | 1 | | | | | | 612606. | 1135186 | GU | 08 | " |
| 5600472-25 | 70 | 1 | | | | | | | | 612589. | 1140840 | SU | 09 | " |
| 5600473 | 4304.40 | 3 | 1584.20 | 2 | 1020 | 240 | 4 | 850 | 31 | 1 ORANGE AVE CITRUS GROWERS ASSN | | | 56 | 5600473W |
| 5600473-1 | 59 | 1 | 10.00 | 2 | 1020 | 240 | 4 | 850 | | 616221 | 1164439 | GU | 08 | Cap. estimated |
| 5600473-3 | 59 | 1 | 10.00 | 2 | 1020 | 240 | 4 | 850 | | 616206 | 1159147 | GU | 08 | " |
| 5600473-4 | 59 | 1 | 10.00 | 2 | 1020 | 240 | 4 | 850 | | 616934 | 1160718 | GU | 08 | " |
| 5600473-5 | 59 | 1 | 10.00 | 2 | 1140 | 244 | 4 | 850 | | 616729 | 1154516 | GU | 08 | " |
| 5600473-6 | 60 | 1 | 10.00 | 2 | 1080 | 246 | 4 | 850 | | 621916 | 1155257 | GU | 08 | " |
| 5600473-7 | 59 | 1 | 10.00 | 2 | 1050 | 270 | 4 | 850 | | 616284 | 1154163 | GU | 08 | " |
| 5600473-8 | 60 | 1 | 10.00 | 2 | 1050 | 450 | 4 | 850 | | 629363 | 1152465 | GU | 08 | " |
| 5600473-9 | 60 | 1 | 10.00 | 2 | 1040 | 240 | 4 | 850 | | 629373 | 1155723 | GU | 08 | " |
| 5600473-10 | 71 | 1 | 10.00 | 2 | 1040 | 250 | 4 | 850 | | 626838 | 11644487 | GU | 08 | " |
| 5600473-11 | 71 | 1 | 10.00 | 2 | 1040 | 260 | 4 | 850 | | 626863 | 1161480 | GU | 08 | " |
| 5600473-12 | 71 | 1 | 10.00 | 2 | 1030 | 230 | 4 | 850 | | 632312 | 1161258 | GU | 08 | " |
| 5600473-13 | 60 | 1 | 10.00 | 2 | 1020 | 255 | 4 | 850 | | 632516 | 1153345 | GU | 08 | " |
| 5600473-14 | 71 | 1 | 10.00 | 2 | 1030 | 245 | 4 | 850 | | 631785 | 1134805 | GU | 08 | " |
| 5600473-16 | 71 | 1 | 10.00 | 2 | 1100 | 280 | 4 | 850 | | 636164 | 1135187 | GU | 08 | " |
| 5600473-17 | 71 | 1 | 8.00 | 2 | 1120 | 260 | 4 | 850 | | 635081 | 1146104 | GU | 08 | " |
| 5600473-18 | 71 | 1 | 10.00 | 2 | 907 | 407 | 4 | 850 | | 638226 | 1139268 | GU | 08 | " |
| 5600473-19 | 71 | 1 | 8.00 | 2 | 950 | 204 | 4 | 850 | | 629727 | 1135662 | GU | 08 | " |
| 5600473-20 | 71 | 1 | 10.00 | 2 | 1020 | 240 | 4 | 850 | | 639380 | 1135328 | GU | 08 | " |
| 5600473-21 | 71 | 1 | 6.00 | 2 | 950 | 230 | 4 | 850 | | 629013 | 1138029 | GU | 08 | " |
| 5600473-22 | 71 | 1 | 6.00 | 2 | 950 | 230 | 4 | 850 | | 629100 | 1136969 | GU | 08 | " |
| 5600473-23 | 71 | 1 | 6.00 | 2 | 950 | 230 | 4 | 850 | | 629035 | 1135873 | GU | 08 | " |
| 5600473-24 | 59 | 1 | 12.00 | 2 | 1020 | 240 | 4 | 1100 | | 616896 | 1151704 | GU | 08 | " |
| 5600473-25 | 59 | 1 | 10.00 | 2 | 1020 | 270 | 4 | 850 | | 617027 | 1153432 | GU | 08 | " |
| 5600473-26 | 59 | 1 | 10.00 | 2 | 1020 | 260 | 4 | 850 | | 616165 | 1156610 | GU | 08 | " |
| 5600473-27 | 59 | 1 | 10.00 | 2 | 1020 | 240 | 4 | 850 | | 616333 | 1161886 | GU | 08 | " |
| 5600473-28 | 60 | 1 | 6.00 | 2 | 1040 | 270 | 4 | 850 | | 624101 | 1152766 | GU | 08 | " |
| 5600473-29 | 71 | 1 | 10.00 | 2 | 1020 | 250 | 4 | 850 | | 629197 | 1132661 | GU | 08 | " |
| 5600473-30 | 71 | 1 | 10.00 | 2 | 1020 | 250 | 4 | 850 | | 629229 | 1134323 | GU | 08 | " |
| 5600473-31 | 71 | 1 | 10.00 | 2 | 1020 | 240 | 4 | 850 | | 632033 | 1137909 | GU | 08 | " |
| 5600473-32 | 71 | 1 | 10.00 | 2 | 1020 | 240 | 4 | 850 | | 631808 | 1144404 | GU | 08 | " |
| 5600473-33 | 71 | 1 | 10.00 | 2 | 1030 | 250 | 4 | 850 | | 632753 | 1149952 | GU | 08 | " |
| 5600473-34 | 60 | 1 | | | | | | 16 | 1 | 635237 | 1151432 | SU | 99 | Turpentine Canal, C-25 |
| 5600475 | 312.70 | 3 | 115.10 | 2 | 20984 | AGR | 2 | 20984 | 2 | OKCECHEE LAND CORP. | | | 56 | 5600475W |
| 5600475-1 | 72 | 1 | 6.00 | 2 | ? | ? | 4 | 240 | | 680699. | 1137655 | GU | 08 | " |
| 5600475-2 | 72 | 1 | 4.00 | 2 | ? | ? | 4 | 55 | | 678356. | 1137847 | GU | 08 | " |
| 5600475-15 | 72 | 1 | | | 1 | | 5 | 1 | 20000 | 678796. | 1140070 | SU | 99 | PERMIT BY NSLWCD, C-25 |
| 5600475-15 | 72 | 1 | | | 1 | | 11 | 1 | 20000 | 678279. | 1134918 | SU | 99 | USED FOR DRAINAGE |
| 5600477 | 12.10 | 3 | 6.00 | 2 | 31584 | LNGW | 1 | 0 | 1 | 0 WALTON COURT PROPERTY OWNERS | | | 56 | 5600477W |
| 5600477-1 | 84 | 2 | 6.00 | 1 | 100 | 80 | 12 | 2 | 200 | 733542 | 1078946 | GU | 02 | " |
| 5600482 | 8.90 | 3 | 3.30 | 2 | 61484 | AGR | 1 | 0 ROSE, FRIEDHEIM | | 56 | 5600482W | | 08 | " |
| 5600482 | 72 | 1 | 6.00 | 2 | 1230 | 640 | 4 | 425 | | 694452 | 1125244 | GU | 08 | " |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL UNIT NO. | MAX UTS CO | DATE 1SS. | USE SRCHD. | SW | COD NO. | CD | INT TYP. | CAP. | MTR? | CROP TYPE | SOIL ST | RAIN ACRES | IRR EFF |
|------------|-----|--------------|------------|-----------|------------|----|---------|----|----------|------|------|-----------|---------|------------|---------|
| 5600487 | | | | | | | | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL S/SDA. | DPTH | PUMP COD ID | PUMP CD | PUMP INT | PUMP TYP. | PUMP CAP. | MTR? | HPLMR SRC | AQ | OWNER COMMENTS |
|------------|-----------------|-----------|-------------|------|-------------|---------|----------|-----------|-----------|--------|-----------|----|----------------|
| 5600487-1 | 5600487-1 | 73 | 2 | 4.00 | 2 | 110 | 95 | 1 | 84 | 721099 | 1107822 | GW | 02 |

| | | | | | | | | | | | | | | |
|---------|------------|-------|----|-------|---|--------|--------|---|--------------------------------|----------|----------|---------|---------------------------------------|---------|
| 5600487 | 5600487-1 | 73 | 2 | 4.00 | 2 | 110 | 95 | 1 | 84 | 721352 | 1107819 | GW | 02 | |
| 5600487 | 5600487-2 | 73 | 2 | 4.00 | 2 | 110 | 95 | 1 | 84 | 721352 | 1107819 | GW | 02 | |
| 5600489 | | 28.31 | 02 | 28.31 | 2 | 101184 | Lambot | 3 | 3 G.B.F. RESERVE DEV CORP | 685413 | 1091831 | GW | 02 NEED TO CHECK WELL | |
| 5600489 | 5600489-1 | 83 | 2 | 8.00 | 2 | 110 | 10 50 | 2 | 300 Y | 685415 | 1091528 | GW | 02 CONSTRUCTION REPORTS | |
| 5600489 | 5600489-2 | 83 | 2 | 8.00 | 2 | 110 | 10 50 | 2 | 300 Y | 685775 | 1091631 | GW | 02 FOR THESE WELLS CONSTRUCTION | |
| 5600489 | 5600489-3 | 83 | 2 | 8.00 | 2 | 110 | 10 50 | 2 | 300 Y | 687312 | 1090830 | SW | 99 SEC.22 136 R39 | |
| 5600489 | 5600489-15 | 83 | 2 | 4.00 | 2 | | | | 18 2 | 687312 | 1090830 | SW | 99 WELL LOCATIONS | |
| 5600489 | 5600489-25 | 83 | 2 | 6.00 | 2 | | | | 18 2 | 687312 | 1090830 | SW | 99 WELL LOCATIONS TENTATIVE | |
| 5600489 | 5600489-35 | 83 | 2 | 6.00 | 2 | | | | 18 2 | 687312 | 1090830 | SW | 99 LOCATIONS TENTATIVE | |
| 5600489 | 5600489-35 | 83 | 2 | 6.00 | 2 | | | | 18 2 | 687312 | 1090830 | SW | 99 LOCATIONS TENTATIVE | |
| 5600526 | | 28.10 | 3 | 10.40 | 2 | 110884 | AGRbot | 1 | 3 COONEY TWO GROVE CONDO ASSN | 56 | 5600526W | | 08 13 0.8 11 36 0.5 | |
| 5600526 | 5600526-1 | 72 | 1 | 8.00 | 2 | 900 | 150 | 4 | 575 | 671618 | 1114331 | GW | 08 Cap. est. C-71 | |
| 5600526 | 5600526-15 | 72 | 1 | 1 | | | | | 1250 | 671992 | 1113603 | SW | 99 C-71 | |
| 5600526 | 5600526-25 | 72 | 1 | 1 | | | | | 3 | 672853 | 1116552 | SW | 99 C-58, cap. est. | |
| 5600526 | 5600526-35 | 72 | 1 | 1 | | | | | 3 | 673058 | 1113422 | SW | 99 C-71 | |
| 5600536 | | 16.93 | 2 | 16.93 | 2 | 11085 | AGRBOT | 2 | 1 HANCOCK, JR., W.R. - TRUSTEE | 56 | 5600536W | | 2,8 13 1.5 11 100 0.85 | |
| 5600536 | 5600536-1 | 71 | 2 | 8 | 2 | 1000 | 250 | | 1000 | 637066 | 1146992 | GW | 08 PROPOSED PERMIT SEE O.A.C. PERMIT | |
| 5600536 | 5600536-2 | 71 | 1 | 4 | 2 | ? | ? | | 100 | 638276 | 1147420 | GW | 08 SEE O.A.C. PERMIT | |
| 5600536 | 5600536-P1 | 71 | 1 | 1 | | | | | 1100 | 637066 | 1147742 | SW | 99 FROM ENLARGED ONSITE DITCHES | |
| 5600552 | | 74.30 | 3 | 2 | | 80885 | PWSN | 6 | 0 RESERVE UTILITY CORPORATION | 5600552W | | | | |
| 5600552 | 5600552-1 | 83 | 1 | 6.00 | 2 | 80 | 55 | 3 | 45 | 685933 | 1092137 | GW | 02 5 wells used, 1 is B.U. | |
| 5600552 | 5600552-2 | 83 | 1 | 6.00 | 2 | 80 | 55 | 3 | 45 | 685869 | 1090823 | GW | 02 B.U. well not specified | |
| 5600552 | 5600552-3 | 83 | 1 | 6.00 | 2 | 75 | 55 | 3 | 80 | 685698 | 949650 | GW | 02 Completion reports dated 1988 | |
| 5600552 | 5600552-4 | 83 | 1 | 6.00 | 2 | 75 | 55 | 3 | 80 | 685887 | 1091534 | GW | 02 well coords. supplied by permittee | |
| 5600552 | 5600552-5 | 83 | 1 | 6.00 | 2 | 75 | 55 | 3 | 60 | 685239 | 1090518 | GW | 02 stand-by well | |
| 5600552 | 5600552-6 | 83 | 1 | 6.00 | 2 | 75 | 55 | 3 | 60 | 685598 | 1090923 | GW | 02 Back-up well | |
| 5600553 | | 17.00 | 3 | 6.30 | 2 | 91285 | AGRbot | 1 | 1 VERO PRODUCERS, INC. | 56 | 5600553W | | 08 13 1.5 11 37 0.85 | |
| 5600553 | 5600553-1 | 71 | 1 | 10.00 | 2 | 1040 | 350 | 4 | 728 | 649110 | 1136055 | GW | 08 C-62 | |
| 5600553 | 5600553-15 | 71 | 1 | 1 | | | | | 8 1 | 6000 | 649539 | 1134940 | SW | 99 C-62 |

| | | | | | | | | | | | | | | | | | | | | |
|---------|----------------|-------|-------|--------------|------------|------------|---------------------------------|---------------------------------|------------------------------|----------|----------------------------------|------------------------|----------|-----------------|------|------|------|------|------|--|
| 6000554 | 5600554-1 | 92.00 | 3 | 33.50 | 2 | 91285 AGRW | 10 | 0 | IGLENHART, P.C. + BYRD, W.R. | 56 | 5600554W | 02 | 13 | 0.8 | 12 | 200 | 0.85 | | | |
| | 5600554-2 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | From surficial aquifer | GW | 02 | | | | | | | |
| | 5600554-3 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | Grove not built as of 2/89 | GW | 02 | | | | | | | |
| | 5600554-4 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | Well locations to be determined. | GW | 02 | | | | | | | |
| | 5600554-5 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | | GW | 02 | | | | | | | |
| | 5600554-6 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | | GW | 02 | | | | | | | |
| | 5600554-7 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | | GW | 02 | | | | | | | |
| | 5600554-8 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | | GW | 02 | | | | | | | |
| | 5600554-9 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | | GW | 02 | | | | | | | |
| | 5600554-10 | | 93 | 2 | 10.00 | 2 | 80 | 3 | 1000 | 0 | | GW | 02 | | | | | | | |
| 6000558 | 5600558-17 | 95 | 1 | 5.00 | 2 | 7 | ? | 4 | 250 | 0 | METROPOLITAN LIFE INSURANCE CO | 56 | 5600558W | 08 | 13 | 0.8 | 4 | 2871 | 0.85 | |
| | 5600558-20 | 83 | 1 | 5.00 | 2 | 7 | ? | 6 | 250 | 0 | Formerly covered under Cap. est. | GW | 08 | | | | | | | |
| | 5600558-PC20 | 95 | 1 | 5.00 | 1 | 12 | 3 | 18000 | 6834629 | 1044559 | SN 99 | C-23 | | | | | | | | |
| 6000560 | 5600560-G3-P1 | 83 | 1 | 1 | 1 | 17.2 | 15000 | 0 | BERNARD A. EGAN | 56 | 5600560W | 13 | 0.8 | 4 | 194 | 0.85 | | | | |
| | 5600560-G3-P2 | 83 | 1 | 1 | 1 | 17.2 | 15000 | 0 | 675300 | 1075812 | SN 99 | PEACOCK CANAL | | | | | | | | |
| | 5600561-G2-P1 | 83 | 1 | 1 | 1 | 11.2 | 15000 | 0 | 677533 | 1074428 | SN 99 | " | | | | | | | | |
| | 5600561-G2-P2 | 83 | 1 | 1 | 1 | 11.2 | 15000 | 0 | 682046 | 1078487 | SN 99 | C-24, LINE SHAFT PUMPS | | | | | | | | |
| | 5600561-G2-P3 | 83 | 1 | 1 | 1 | 11.2 | 15000 | 0 | 684201 | 1080819 | SN 99 | " | | | | | | | | |
| 6000562 | 5600562-132.00 | 3 | 48.70 | 2 | 111465 AGR | 0 | 3 | BERNARD A. EGAN | 56 | 5600562W | 13 | 0.8 | 11 | 287 | 0.85 | | | | | |
| | 5600562-G1-P1 | 83 | 1 | 1 | 1 | 14.2 | 15000 | 0 | 677505 | 1065434 | SN 99 | C-24, LINE SHAFT PUMPS | | | | | | | | |
| | 5600562-G1-P2 | 83 | 1 | 1 | 1 | 14.2 | 15000 | 0 | 677592 | 1084326 | SN 99 | " | | | | | | | | |
| | 5600562-G1-P3 | 83 | 1 | 1 | 1 | N/A | 15000 | 0 | 679045 | 1063825 | SN 99 | " | | | | | | | | |
| 6000563 | 5600563-126.30 | 3 | 47.34 | 2 | 111465 AGR | 0 | 3 | FLA AGGREGATES INTERGROUP, INC. | 56 | 5600563W | 270 | | | | | | | | | |
| | 5600563-G2-P1 | 83 | 1 | 1 | 1 | 12.2 | 15000 | 0 | 666716 | 1045964 | SN 99 | Sec. 36 on permit | | | | | | | | |
| | 5600563-G2-P2 | 83 | 1 | 1 | 1 | 11.2 | 15000 | 0 | 666937 | 1045951 | SN 99 | " | | | | | | | | |
| | 5600563-G2-P3 | 83 | 1 | 1 | 1 | 14 | 1 | 3 | 5000 | 0 | 666937 | 1045951 | SN 99 | Loc. guess C-23 | | | | | | |
| 6000564 | 5600564-197.00 | 3 | 2 | 111465 MINSH | 0 | 3 | GENERAL DEVELOPMENT CORPORATION | 56 | 5600564W | 135 | | | | | | | | | | |
| | 5600564-1S | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4400 | 0 | Construction dewatering | | | | | | | | | |
| | 5600564-1S | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2500 | 0 | | | | | | | | | | |
| | 5600564-1S | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 5000 | 0 | | | | | | | | | | |
| 6000565 | 5600565-1S | 1 | 2 | 121285 DEMW | 0 | 1 | EVANS PROPERTIES, INC. | 56 | 5600565W | 08 | | | | | | | | | | |
| | 5600565-1S | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18000 | 0 | | | | | | | | | | |
| | 5600565-1S | 1 | 2 | 121285 Arbor | 20 | 2 | EVANS PROPERTIES, INC. | 56 | 5600565W | 08 | | | | | | | | | | |
| | 5600565-1S | 1 | 2 | 121285 Arbor | 20 | 2 | EVANS PROPERTIES, INC. | 56 | 5600565W | 08 | | | | | | | | | | |
| 6000566 | 5600566-1 | 82 | 1 | 4.00 | 2 | 200 | 4 | 150 | 654308 | 1103007 | GW | 08 | | | | | | | | |
| | 5600566-2 | 82 | 1 | 5.00 | 2 | 980 | 270 | 4 | 100 | 651258 | 1102915 | GW | 08 | | | | | | | |
| | 5600566-3 | 82 | 1 | 5.00 | 2 | 980 | 270 | 4 | 150 | 654258 | 1104143 | GW | 08 | | | | | | | |
| | 5600566-4 | 82 | 1 | 5.00 | 2 | 980 | 270 | 4 | 100 | 652832 | 1105180 | GW | 08 | | | | | | | |
| | 5600566-5 | 82 | 1 | 4.00 | 2 | 1025 | 414 | 4 | 200 | 653198 | 1105093 | GW | 08 | | | | | | | |
| | 5600566-6 | 82 | 1 | 5.00 | 2 | 1025 | 414 | 4 | 200 | 651110 | 1105278 | GW | 08 | | | | | | | |
| | 5600566-7 | 71 | 1 | 5.00 | 2 | 860 | 270 | 4 | 100 | 650747 | 1105978 | GW | 08 | | | | | | | |
| | 5600566-8 | 71 | 1 | 5.00 | 2 | 860 | 270 | 4 | 75 | 649496 | 1106329 | GW | 08 | | | | | | | |
| | 5600566-9 | 71 | 1 | 5.00 | 2 | 860 | 270 | 4 | 150 | 640953 | 1106361 | GW | 08 | | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. UNIT NO. | ALL MAX UNIT NO. | NO. UTS CO ISS. | DATE CO ISS. | USE SHRD. | SW | CROP SOIL RAIN | IRR | IRR | IRR | ACRES EFF |
|------------|--------------|------------------|-----------------|--------------|-----------|------|----------------|---------|--------|-----|-----------|
| PERMIT NO. | ALL. | ALL. | ALL. | ALL. | ALL. | ALL. | CO PERMIT NO. | DEV NO. | AQTYPE | ST | ACRES |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL SISDIA. | OPTN COD TD | PHP INT TYP CAP. | PUMP CAP. | MTR? | XPLNR | YPLNR | SRC | AO COMMENTS |
|------------|-----------------|-----------|--------------|-------------|------------------|-----------|------|-------|-------|-----|-------------|
|------------|-----------------|-----------|--------------|-------------|------------------|-----------|------|-------|-------|-----|-------------|

| | | | | | | | | | | | |
|-------------|---------|---|-------|-------------|--------------|-----|--------------------------------|-----------------------------|----------|----------------------|------------------------|
| 5600568-10 | 71 | 1 | 5.00 | 2 | 860 | 270 | 4 | 100 | 650021 | 1106984 | GW 08 |
| 5600568-11 | 71 | 1 | 5.00 | 2 | 860 | 270 | 4 | 90 | 651604 | 1106921 | GW 08 |
| 5600568-12 | 71 | 1 | 5.00 | 2 | 860 | 270 | 4 | 90 | 653904 | 1106678 | GW 08 |
| 5600568-13 | 71 | 1 | 4.00 | 2 | 860 | 270 | 4 | 90 | 657299 | 1106058 | GW 08 |
| 5600568-14 | 71 | 1 | 4.00 | 2 | 860 | 280 | 4 | 90 | 655548 | 1106040 | GW 08 |
| 5600568-15 | 71 | 1 | 4.00 | 2 | 860 | 280 | 4 | 90 | 654642 | 1106977 | GW 08 |
| 5600568-16 | 82 | 1 | 4.00 | 2 | 930 | 6 | 65 | 648476 | 1103396 | GW 08 | |
| 5600568-17 | 82 | 1 | 5.00 | 2 | 972 | 385 | 6 | 125 | 648903 | 1105151 | GW 08 |
| 5600568-18 | 82 | 1 | 4.00 | 2 | 1050 | 6 | 100 | 656422 | 1103733 | GW 08 | |
| 5600568-19 | 82 | 1 | 5.00 | 2 | 930 | 292 | 4 | 150 | 656548 | 1105290 | GW 08 |
| 5600568-20 | 71 | 1 | 5.00 | 2 | 800 | 280 | 4 | 100 | 660937 | 1106104 | GW 08 |
| 5600568-21S | 71 | 1 | 1 | 1 | 14 | 1 | 30000 | 647729 | 1105990 | SW 99 | C-24 |
| 5600568-21C | 71 | 1 | 1 | 1 | 10 | 10 | 647615 | 1105765 | SW | C-24, Culvert | |
| 5600572 | 15.60 | 3 | 6.10 | 2 | 10986 AGR&M | 2 | 0 | MCALLISTER, DONALD H | 56 | 5600572W | 08 1.5 11 36 0.85 |
| 5600572-1 | 61 | 1 | 5.00 | 2 | 700 | 180 | 4 | 210 | 680516 | 1167447 | GW 08 |
| 5600572-2 | 61 | 1 | 10.00 | 2 | 1000 | 363 | 4 | 1000 | 681564 | 1167416 | GW 08 |
| 5600574 | 64.80 | 3 | 23.80 | 2 | 21386 Agrbot | 4 | 2 | EDENTON CO. NY & WI JERKINS | 56 | 5600574W | 08 13 0.8 11 141 0.85 |
| 5600574-1 | 71 | 1 | 6.00 | 2 | 900 | 250 | 4 | 300 | 655860 | 1121801 | GW 08 Wells for freeze |
| 5600574-2 | 71 | 1 | 6.00 | 2 | 900 | 250 | 4 | 400 | 655438 | 1122193 | GW 08 protection only |
| 5600574-3 | 71 | 1 | 4.00 | 2 | 900 | 250 | 4 | 75 | 652772 | 1122197 | GW 08 |
| 5600574-4 | 71 | 1 | 8.00 | 2 | 1080 | 259 | 4 | 900 | 653837 | 1121827 | GW 08 |
| 5600574-15 | 71 | 1 | 1 | 1 | 15 | 1 | 1800 | 654102 | 1121824 | SW 99 | C-67 |
| 5600574-25 | 71 | 1 | 1 | 1 | 15 | 1 | 1800 | 656057 | 1121745 | SW 99 | C-67 |
| 5600579 | 244.00 | 3 | 2 | 61286 IND&P | 4 | 0 | TREESHEET PRODUCTS COMPANY, IN | 56 | 5600579W | 02 13 .8 11 1 0.5 | |
| 5600579-1 | 73 | 1 | 10.00 | 1 | 70 | 60 | 50 | 200 | 712295 | 1114725 | GW 02 |
| 5600579-2 | 73 | 1 | 10.00 | 1 | 70 | 60 | 55 | 2 | 712520 | 1114621 | GW 02 |
| 5600579-3 | 73 | 1 | 6.00 | 1 | 70 | 60 | 55 | 2 | 712601 | 1114260 | GW 02 |
| 5600579-4 | 73 | 1 | 10.00 | 1 | 70 | 60 | 40 | 2 | 712224 | 1114167 | GW 02 |
| 5600580 | 1200.00 | 3 | 2 | 61286 MINGW | 0 | 1 | ADAMS RANCH, INC. | 56 | 5600580W | 219 | |
| 5600580-1 | 2 | 2 | 2 | UND 3 | 7000 | 0 | Rock pits | 56 | 5600581W | 08 13 1.5 11 167 0.5 | |
| 5600581 | 130.70 | 3 | 48.10 | 2 | 71086 Agrbot | 2 | 1 CAMPBELL, JR., CHARLES H. | 56 | 5600581W | | |

| | | | | | | | | | | | | |
|------------|--------|---|--------|---|--------------|-----|---|------------------------|--------------|---------|----|----|
| 5600581-1 | 72 | 1 | 5.00 | 2 | 1000 | 260 | 4 | 200 | 671129 | 1107401 | GU | 08 |
| 5600581-2 | 72 | 1 | 5.00 | 2 | 1000 | 260 | 4 | 200 | 671149 | 1106212 | GU | 08 |
| 5600581-1s | 72 | 1 | | 1 | | 13 | 1 | 22000 | 672691 | 1107994 | SW | 99 |
| | | | | | | | | | C-83 | | | |
| 5600582 | \$6.30 | 3 | 20.70 | 2 | 71086 AGRbot | 2 | 1 | CAMPBELL, JR., CHAS H. | | | | |
| 5600582-1 | 72 | 1 | 5.00 | 2 | 900 | 250 | 4 | 200 | 664293 | 1113201 | GU | 08 |
| 5600582-2 | 72 | 1 | 4.00 | 2 | 900 | 250 | 4 | 100 | 664330 | 1112677 | GU | 08 |
| 5600582-1s | 72 | 1 | | 1 | | 10 | 1 | 4000 | 664542 | 1113329 | SW | 99 |
| | | | | | | | | | C-80 | | | |
| 5600583 | \$6.30 | 3 | 20.70 | 2 | 71086 AGRbot | 1 | 1 | CAMPBELL, JOHN | | | | |
| 5600583-1 | 72 | 1 | 5.00 | 2 | 1050 | 250 | 4 | 200 | 664531 | 1110370 | GU | 08 |
| 5600583-1s | 72 | 1 | | 1 | | 13 | 1 | 10000 | 663127 | 1110167 | SW | 99 |
| | | | | | | | | | C-71 | | | |
| 5600584 | 29.70 | 3 | 10.90 | 2 | 71086 AGRbot | 1 | 1 | B & L GROVES | | | | |
| 5600584-1 | 72 | 1 | 5.00 | 2 | 900 | 202 | 4 | 217 | 662337 | 1115488 | GU | 08 |
| 5600584-1s | 72 | 1 | | 1 | | 13 | 1 | 10000 | 662453 | 1116031 | SW | 99 |
| | | | | | | | | | C-69 | | | |
| 5600585 | 79.00 | 3 | 29.10 | 2 | 71086 AGRbot | 3 | 1 | EGAN, BERNARD A. | | | | |
| 5600585-1 | 72 | 1 | 4.00 | 2 | 950 | 200 | 4 | 125 | 668363 | 1117016 | GU | 08 |
| 5600585-2 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 668416 | 1116158 | GU | 08 |
| 5600585-3 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 670395 | 1116148 | GU | 08 |
| 5600585-1s | 72 | 1 | | 1 | | 13 | 1 | 16000 | 670756 | 1116488 | SW | 99 |
| | | | | | | | | | C-55 | | | |
| 5600586 | 451.60 | 3 | 166.20 | 2 | 71086 AGRbot | 11 | 6 | EGAN, BERNARD A. | | | | |
| 5600586-1 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 125 | 668332 | 1111047 | GU | 08 |
| 5600586-2 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 667033 | 1109497 | GU | 08 |
| 5600586-3 | 72 | 1 | 6.00 | 2 | 1100 | 250 | 4 | 320 | 665784 | 1109676 | GU | 08 |
| 5600586-4 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 672377 | 1109831 | GU | 08 |
| 5600586-5 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 180 | 670316 | 1111029 | GU | 08 |
| 5600586-6 | 72 | 1 | 6.00 | 2 | 1100 | 250 | 4 | 310 | 672361 | 1110815 | GU | 08 |
| 5600586-7 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 180 | 670292 | 1112101 | GU | 08 |
| 5600586-8 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 180 | 671415 | 1112286 | GU | 08 |
| 5600586-9 | 72 | 1 | 3.00 | 2 | 900 | 220 | 4 | 60 | 673052 | 1113096 | GU | 08 |
| 5600586-10 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 674848 | 1108407 | GU | 08 |
| 5600586-11 | 72 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 669710 | 1113233 | GU | 08 |
| 5600586-15 | 72 | 1 | | 1 | | 13 | 1 | 12000 | 671146 | 1107071 | SW | 99 |
| | | | | | | 13 | 1 | 10000 | 672376 | 1113361 | SW | 99 |
| 5600586-2s | 72 | 1 | | 1 | | 13 | 1 | 16000 | 669593 | 1111056 | SW | 99 |
| 5600586-3s | 72 | 1 | | 1 | | 13 | 1 | 10000 | 668562 | 1113277 | SW | 99 |
| 5600586-4s | 72 | 1 | | 1 | | 13 | 1 | 8000 | 669593 | 1111056 | SW | 99 |
| 5600586-5s | 72 | 1 | | 1 | | 13 | 1 | 10000 | 672558 | 1108424 | SW | 99 |
| | | | | | | | | | C-83 | | | |
| 5600587 | 111.80 | 3 | 41.10 | 2 | 71086 AGRbot | 4 | 1 | CAMPBELL, JOHN D. | | | | |
| 5600587-1 | 72 | 1 | 5.00 | 2 | 1100 | 250 | 4 | 200 | 668697 | 1115121 | GU | 08 |
| 5600587-2 | 72 | 1 | 6.00 | 2 | 1000 | 230 | 4 | 325 | 670739 | 1114839 | GU | 08 |
| 5600587-3 | 72 | 1 | 5.00 | 2 | 1050 | 230 | 4 | 200 | 668529 | 1113839 | GU | 08 |
| 5600587-4 | 72 | 1 | 5.00 | 2 | 1100 | 250 | 4 | 200 | 669382 | 1113661 | GU | 08 |
| 5600587-1s | 72 | 1 | | 1 | | 13 | 1 | 10000 | 668696 | 1113621 | SW | 99 |
| | | | | | | | | | C-58 | | | |
| 5600588 | 31.30 | 3 | 11.50 | 2 | 71086 AGRbot | 1 | 1 | BEALE JR., JOSEPH E. | | | | |
| 5600588-1 | 72 | 1 | 5.00 | 2 | 900 | 240 | 4 | 180 | 670880 | 1110736 | GU | 08 |
| 5600588-1s | 72 | 1 | | 1 | | 13 | 1 | 10000 | 669784 | 1110740 | SW | 99 |
| | | | | | | | | | MSLRHD Canal | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | UTS CO ISS. | DATE TYPE | USE W.L.S. | SRCHD. | SW | PAPS | OWNER | CO PERMIT NO. | DEV NO. | CROP A TYPE | SOIL ST | RAIN ACRES | IRR ST | EFF |
|------------|----------|------------------|-------------|-----------|------------|--------|----|------|-------|---------------|---------|-------------|---------|------------|--------|-----|
|------------|----------|------------------|-------------|-----------|------------|--------|----|------|-------|---------------|---------|-------------|---------|------------|--------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. | DPTN SISDIA. | COO TO CO | INT CAP. | NTR? YPLNR | YPLNR | SRC | AQ | COMMENTS |
|------------|-----------------|-----------|----------|--------------|-----------|----------|------------|-------|-----|----|----------|
|------------|-----------------|-----------|----------|--------------|-----------|----------|------------|-------|-----|----|----------|

| | | | | | | | | | | | | | | | | | |
|---------|------------|--------|---|--------|---|------|---------------|-------|---------------------|-----------------------------|--------------|-----------------|----|-----|-----|----------|---------|
| 5600589 | 5600589-1 | 233.00 | 3 | 85.80 | 2 | 900 | 250 | 4 | 2 O.L.C., INC. | | \$6 5600589W | 08 | 13 | 1.5 | 11 | 298 0.5 | |
| | 5600589-2 | 71 | 1 | 6.00 | 2 | 900 | 250 | 4 | 170 | 658479 1118777 GW | 08 | | | | | | |
| | 5600589-3 | 71 | 1 | 6.00 | 2 | 900 | 250 | 4 | 170 | 658459 1117516 GW | 08 | | | | | | |
| | 5600589-4 | 71 | 1 | 6.00 | 2 | 900 | 250 | 4 | 170 | 661415 1118295 GW | 08 | | | | | | |
| | 5600589-1S | 71 | 1 | 6.00 | 2 | 900 | 250 | 4 | 170 | 661955 1117827 GW | 08 | | | | | | |
| | 5600589-2S | 71 | 1 | 1 | | | | 13. 1 | 10000 | 658038 1118719 SW | 99 | MSL RAND CANALS | | | | | |
| | | | | | | | | 13. 1 | 10000 | 661864 1118746 SW | 99 | | | | | | |
| 5600590 | 5600590-1 | 179.80 | 3 | 66.20 | 2 | 1000 | 250 | 4 | 200 | 1 EGAN, FICKETT & COMPANY | | \$6 5600590W | 08 | 13 | 1.5 | 11 | 230 0.5 |
| | 5600590-2 | 83 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 668115 1097087 GW | 08 | | | | | | |
| | 5600590-3 | 83 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 200 | 665966 1096205 GW | 08 | | | | | | |
| | 5600590-4 | 83 | 1 | 4.00 | 2 | 900 | 250 | 4 | 125 | 666900 1096362 GW | 08 | | | | | | |
| | 5600590-5 | 83 | 1 | 5.00 | 2 | 1000 | 250 | 4 | 175 | 665949 1094953 GW | 08 | | | | | | |
| | 5600590-6 | 83 | 1 | 4.00 | 2 | 950 | 250 | 4 | 125 | 666354 1094986 GW | 08 | | | | | | |
| | 5600590-7 | 83 | 1 | 4.00 | 2 | 900 | 250 | 4 | 125 | 666912 1094963 GW | 08 | | | | | | |
| | 5600590-1S | 83 | 1 | 4.00 | 2 | 950 | 300 | 4 | 125 | 667578 1097786 GW | 08 | | | | | | |
| | | | | | | | | 14. 1 | 25000 | 668097 1097412 SW | 99 | C-85 | | | | | |
| 5600591 | 5600591-1 | 174.40 | 3 | 64.20 | 2 | 1000 | 200 | 4 | 100 | 1 CAMPBELL, JR. CHARLES H & | | \$6 5600591W | 08 | 13 | 1.5 | 11 | 223 0.5 |
| | 5600591-2 | 83 | 1 | 4.00 | 2 | 900 | 200 | 4 | 200 | 663517 1098120 GW | 08 | | | | | | |
| | 5600591-3 | 83 | 1 | 5.00 | 2 | 1000 | 230 | 4 | 200 | 665156 1097355 GW | 08 | | | | | | |
| | 5600591-4 | 83 | 1 | 5.00 | 2 | 1000 | 230 | 4 | 200 | 663048 1096008 GW | 08 | | | | | | |
| | 5600591-5 | 83 | 1 | 6.00 | 2 | 1100 | 250 | 4 | 200 | 665117 1096040 GW | 08 | | | | | | |
| | 5600591-1S | 83 | 1 | 4.00 | 2 | 900 | 200 | 4 | 125 | 663715 1094953 GW | 08 | | | | | | |
| | | | | | | | | 13. 1 | 25000 | 663098 1096555 SW | 99 | C-80 | | | | | |
| 5600596 | 5600596-1 | 391.00 | 3 | 143.90 | 2 | 900 | 91186 Agrobot | 4 | 6 GREENE, JR., B.E. | | \$6 5600596W | 08 | 13 | 1.5 | 11 | 850 0.85 | |
| | 5600596-2 | 60 | 2 | 10.00 | 2 | 900 | 300 | 4 | 1000 | GW 08 NOT INSTALLED YET | | | | | | | |
| | 5600596-3 | 60 | 2 | 10.00 | 2 | 900 | 300 | 4 | 1000 | GW 08 AS OF 1-90 | | | | | | | |
| | 5600596-4 | 60 | 2 | 10.00 | 2 | 900 | 300 | 4 | 1000 | GW 08 " | | | | | | | |
| | 5600596-1S | 60 | 2 | 10.00 | 2 | 900 | 300 | 4 | 1000 | GW 08 " | | | | | | | |
| | 5600596-2S | 60 | 2 | 1 | | | | 18. 1 | 600 | SW 99 On site ditch | | | | | | | |
| | | | | | | | | 18. 1 | 600 | SW 99 NOT INSTALLED YET | | | | | | | |
| | 5600596-3S | 60 | 2 | 1 | | | | 18. 1 | 600 | SW 99 AS OF 1-90 | | | | | | | |
| | 5600596-4S | 60 | 2 | 1 | | | | 18. 1 | 600 | SW 99 " | | | | | | | |
| | 5600596-5S | 60 | 2 | 1 | | | | 18. 1 | 600 | SW 99 " | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|------------|------------|----|-------|-------------|-------------|-------------------------------|----------------------------------|-------------------------------|----------|--------------|------------|-----------------------------------|---|-------------------------|------|----|------|------|
| 5600596-6S | 60 | 2 | 1 | 18 | 1 | 600 | SW | 99 | | 15 | 0.8 | 11 | 60 | 0.75 | | | | |
| 5600613 | 68.50 | 3 | 11.20 | 2 | 31287 LANSW | 0 | 2 THOMAS J WHITE DEV CORPORATION | | 56 | 5600613W | 20 | 0.8 | 11 | 60 | 0.75 | | | |
| 5600613-1S | 5600613-1S | 83 | 1 | 11.60 | 1 | 15 | 1 | 250 | 600127. | 1086703 SW | 99 | 1-95 Borrow C | | | | | | |
| 5600613-2S | 5600613-2S | 83 | 1 | 16 | 1 | 250 | 693822. | 1087427 SW | 99 | On-site lake | | | | | | | | |
| 5600614 | 289.00 | 3 | 1.20 | 1 | 31287 PWSGW | 12 | 0 ST LUCIE WEST UTILITIES, INC. | | 56 | 5600614W | 4616 | | | | | | | |
| 5600614-1 | 5600614-1 | 83 | 1 | 6.00 | 2 | 75 | 42 | 45 | 2 | 175 | Y 698262. | 1083208 GW | 02 | Wells 1-6 have | | | | |
| 5600614-2 | 5600614-2 | 83 | 1 | 6.00 | 2 | 65 | 46 | 45 | 2 | 175 | Y 698622. | 1083310 GW | 02 | Well completion reports | | | | |
| 5600614-3 | 5600614-3 | 83 | 1 | 6.00 | 2 | 70 | 41 | 45 | 2 | 175 | Y 698922. | 1083314 GW | 02 | in file. | | | | |
| 5600614-4 | 5600614-4 | 83 | 1 | 8.00 | 2 | 60 | 42 | 45 | 2 | 175 | Y 699342. | 1083718 GW | 02 | | | | | |
| 5600614-5 | 5600614-5 | 83 | 1 | 8.00 | 2 | 65 | 40 | 45 | 2 | 175 | Y 699624. | 1083608 GW | 02 | | | | | |
| 5600614-6 | 5600614-6 | 83 | 1 | 8.00 | 2 | 60 | 40 | 45 | 2 | 175 | Y 699694. | 1083710 GW | 02 | | | | | |
| 5600614-7 | 5600614-7 | 83 | 2 | 8.00 | 2 | 70 | 30 | 45 | 2 | 175 | Y 699774. | 1081397 GW | 02 | The rest of wells have | | | | |
| 5600614-8 | 5600614-8 | 83 | 2 | 8.00 | 2 | 70 | 30 | 45 | 2 | 175 | Y 700533. | 1079988 GW | 02 | no completion reports | | | | |
| 5600614-9 | 5600614-9 | 83 | 2 | 8.00 | 2 | 70 | 30 | 45 | 2 | 175 | Y 701613. | 1080397 GW | 02 | and are assumed here | | | | |
| 5600614-10 | 5600614-10 | 83 | 2 | 8.00 | 2 | 70 | 30 | 45 | 2 | 175 | Y 701981. | 1078985 GW | 02 | non existing. | | | | |
| 5600614-11 | 5600614-11 | 83 | 2 | 8.00 | 2 | 70 | 30 | 45 | 2 | 175 | Y 701987. | 1079792 GW | 02 | | | | | |
| 5600614-12 | 5600614-12 | 83 | 2 | 8.00 | 2 | 70 | 30 | 45 | 2 | 175 | Y 702868. | 1082120 GW | 02 | Well 12 not on site map | | | | |
| 5600620 | 5600620-1 | 73 | 1 | 3.80 | 2 | 51487 LANGW | 3 | 0 MAX AMBACH & SONS & COMPANY | | 56 | 5600620W | 02 | 15 | 0.8 | 11 | 20 | 0.75 | |
| 5600620-2 | 5600620-2 | 73 | 1 | 6.00 | 1 | 100 | 70 | 3 | 2 | 200 | 714426 | 1126166 GW | 02 | | | | | |
| 5600620-3 | 5600620-3 | 73 | 2 | 6.00 | 1 | 90 | 60 | 3 | 2 | 200 | 713514 | 1126367 GW | 02 | | | | | |
| 5600621 | 5600621-P1 | 84 | 1 | 0.00 | 2 | 51487 GOL-SW | 3 | 1300 | 730320 | 1085000 SW | 99 | ON SITE LAKES, 3 PUMPS IN SERIES. | | 15 | 0.8 | 4 | 59 | 0.75 |
| 5600622 | 5600622-1 | 83 | 4 | 6.30 | 2 | 51487 AGRW | 2 | 1 LINDESEY, RALPH J - PARTNER | | 56 | 5600621W | | | | | | | |
| 5600622-2 | 5600622-2 | 83 | 4 | 6.00 | 2 | 800 | 340 | 4 | 250 | 675005 | 1098589 GW | 08 | CAP. estim. | | | | | |
| 5600622-1S | 5600622-1S | 83 | 2 | 5.00 | 2 | 800 | 340 | 4 | 250 | 676176 | 1098584 GW | 08 | " | | | | | |
| 5600624 | 6.21 | 3 | 2 | 61187 PWSGW | 5 | 0 LAKE MINOR PROPERTIES, INC. | | 56 | 5600624W | 02 | | | | | | | | |
| 5600624-1 | 5600624-1 | 85 | 2 | 4.00 | 2 | 110 | 105 | 2 | 100 | 747162 | 1066551 GW | 02 | | | | | | |
| 5600624-2 | 5600624-2 | 85 | 2 | 4.00 | 2 | 110 | 105 | 2 | 100 | 747249 | 1066436 GW | 02 | | | | | | |
| 5600624-1E | 5600624-1E | 85 | 1 | 2.00 | 2 | 27 | 27 | 2 | 50 | 747442 | 1066651 GW | 02 | Existing wells will be abandoned, cap. estim. | | | | | |
| 5600624-2E | 5600624-2E | 85 | 1 | 2.00 | 2 | 27 | 27 | 2 | 50 | 747462 | 1066651 GW | 02 | Upon completion of proposed wells | | | | | |
| 5600624-3E | 5600624-3E | 85 | 1 | 2.00 | 2 | 27 | 27 | 2 | 50 | 747482 | 1066651 GW | 02 | | | | | | |
| 5600627 | 5600627-1 | 61 | 1 | 6.00 | 2 | 95 | 68 | 2 | 150 | 673428 | 1165715 GW | 02 | | | | | | |
| 5600627-2 | 5600627-2 | 61 | 1 | 6.00 | 2 | 83 | 75 | 2 | 150 | 670644 | 1165599 GW | 02 | | | | | | |
| 5600627-3 | 5600627-3 | 61 | 1 | 6.00 | 2 | 80 | 65 | 2 | 150 | 673444 | 1166080 GW | 02 | | | | | | |
| 5600627-4 | 5600627-4 | 61 | 1 | 8.00 | 2 | 80 | 65 | 2 | 150 | 672337 | 1168477 GW | 02 | | | | | | |
| 5600628 | 5600628-1 | 72 | 4 | 6.00 | 2 | 840 | 300 | 4 | 220 | 677610 | 1116437 GW | 08 | | | | | | |
| 5600630 | 5600630-1 | 72 | 4 | 5.10 | 2 | 800 | 250 | 1 | 300 | 676040 | 1112481 GW | 08 | | | | | | |
| | | | | | | | | | | 56 | 5600630W | 08 | 13 | 0.8 | 11 | 30 | 0.85 | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | USE SRCNO. | SW UTS CO ISS. | TYPE | MLS. PSFS | OWNER | CO PERMIT NO. | DEV NO. | AGTYPE | ST ACRES | IRR EFF |
|------------|-----|------------------|------------|----------------|------|-----------|-------|---------------|---------|--------|----------|---------|
|------------|-----|------------------|------------|----------------|------|-----------|-------|---------------|---------|--------|----------|---------|

LINE 2+ HEADING (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. | WELL NO. | DPFH | PMP PUM PUMP | PPD INT TYP CAP. | MTR? | XPLNR | YPLNR | SRC AG CONTENTS |
|------------|-----------------|-------|----------|------|--------------|------------------|------|-------|-------|-----------------|
|------------|-----------------|-------|----------|------|--------------|------------------|------|-------|-------|-----------------|

| | | | | | | | | | | | | | | | | | |
|------------|--------|---|--------|---|----------------|-----|-----|---------------------------------|--------|------------|---|----|-----|----|-----|------|--|
| 5600633 | 46.00 | 3 | 7.20 | 2 | 91087 AGR | 3 | 4 | 0 NICIVER, L.L. & MEILL, R.V. | 56 | 5600633W | 2.8 | 13 | .8 | 11 | 100 | 0.85 | |
| 5600633-1 | 82 | 1 | 6.00 | 2 | 60 | 25 | 3 | 100 | 658309 | 1081214 GW | 02 TO BE REPLACED BY 6' WELL, CAP EST. | | | | | | |
| 5600633-2 | 82 | 1 | 12.00 | 2 | 1100 | 400 | 4 | 1100 | 657679 | 1080308 GW | 08 FOR FREEZE PROTECTION ONLY, " | | | | | | |
| 5600633-3 | 82 | 1 | 12.00 | 2 | 1100 | 400 | 4 | 1100 | 657592 | 1080000 GW | 00 FOR FREEZE PROTECTION ONLY, " | | | | | | |
| 5600633-4 | 82 | 2 | 8.00 | 2 | 75 | 45 | 3 | 200 | 659031 | 1081217 GW | 02 TO REPLACE EXISTING 6' WELL, " | | | | | | |
| 5600637 | 432.70 | 3 | 73.60 | 2 | 91087 GOLGW | | 14 | 0 ST LUCIE WEST UTILITIES, INC. | 56 | 5600637W | 02 | 15 | 0.8 | 11 | 379 | 0.75 | |
| 5600637-1 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 698371 | 1082937 GW | 02 Proposed walls by reclaimed water system | | | | | | |
| 5600637-2 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 697587 | 1082626 GW | 02 to be replaced by reclaimed water system | | | | | | |
| 5600637-3 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 698263 | 1082709 GW | 02 by reclaimed water system | | | | | | |
| 5600637-4 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 699769 | 1081890 GW | 02 | | | | | | |
| 5600637-5 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 700583 | 1081879 GW | 02 | | | | | | |
| 5600637-6 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 701786 | 1082632 GW | 02 | | | | | | |
| 5600637-7 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 698871 | 1080118 GW | 02 | | | | | | |
| 5600637-8 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 696760 | 1079134 GW | 02 | | | | | | |
| 5600637-9 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 697559 | 1078898 GW | 02 | | | | | | |
| 5600637-10 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 700236 | 1082519 GW | 02 | | | | | | |
| 5600637-11 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 701346 | 1083155 GW | 02 | | | | | | |
| 5600637-12 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 701025 | 1083807 GW | 02 | | | | | | |
| 5600637-13 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 695887 | 1079518 GW | 02 | | | | | | |
| 5600637-14 | 83 | 2 | 8.00 | 1 | 70 | 30 | -45 | | 696552 | 1078311 GW | 02 | | | | | | |
| 5600639 | 25.20 | 3 | 4.20 | 2 | 100887 AGRW | 1 | 2 | PIKE, RICHARD S | 56 | 5600639W | 08 | 13 | 0.8 | 11 | 88 | 0.5 | |
| 5600639-1 | 71 | 1 | 12.00 | 1 | 900 | 400 | 4 | 100000 | 648640 | 1134339 GW | 08 Frost Protection NEW well | | | | | | |
| 5600639-1S | 71 | 1 | 8.00 | 2 | 700 | 400 | 4 | 14 | 640567 | 1134973 SW | 99 Internal | | | | | | |
| 5600639-1C | 71 | 4 | 1 | 1 | 1 | 14 | 1 | 14 | 648516 | 1136073 SW | 99 C-82, culvert | | | | | | |
| 5600640 | 229.90 | 3 | 84.60 | 2 | 100887 Agrobot | 1 | 2 | BROTHERS FOUR | 56 | 5600640W | 08 | 13 | 1.5 | 11 | 294 | 0.5 | |
| 5600640-1 | 71 | 1 | 10.00 | 2 | 10000 | 600 | 4 | 300 | 643720 | 1120148 GW | 08 | | | | | | |
| 5600640-1S | 71 | 1 | 8.00 | 2 | 900 | 340 | 4 | 575 | 646832 | 1119771 SW | 99 C-24, Culvert | | | | | | |
| 5600640-1C | 71 | 4 | 1 | 1 | 14 | 14 | 1 | 14 | | 640181 | 1097693 GW | 08 | | | | | |
| 5600641 | 570.80 | 3 | 210.10 | 2 | 100887 Agrobot | 3 | 2 | CAMPBELL, CHARLES | 56 | 5600641W | 08 | 13 | 0.8 | 11 | 730 | 0.5 | |
| 5600641-1 | 82 | 1 | 8.00 | 2 | 10000 | 600 | 4 | 650 | 638863 | 1092558 GW | 08 Cap. est. | | | | | | |
| 5600641-2 | 82 | 1 | 8.00 | 2 | 900 | 340 | 4 | 575 | 639062 | 1100060 GW | 08 | | | | | | |
| 5600641-3 | 82 | 1 | 4.00 | 2 | 760 | 200 | 4 | 100 | 640181 | 1097693 GW | 08 | | | | | | |

| | | | | | | | | | | | |
|------------|--------|---|-------|-------|--------|--------|----------------------------------|-------------------------------|---------|----|---|
| 5600641-1S | 82 | 1 | 1 | 14 | 3 | 25000 | 6300000 | 1092394 | SW | 99 | C-23 |
| 5600641-2S | 82 | 1 | 1 | 14 | 3 | 25000 | 6300000 | 1092591 | SW | 99 | C-23 |
| 5600644 | 56.30 | 3 | 0.15 | 1 | 111287 | LIVGN | 2 | 0 RAY MELEAT, INC. | | | |
| 5600644-1 | 81 | 1 | 4.00 | 2 | 70 | 50 | 88 | 605706 | 1078716 | GW | 02 |
| 5600644-2 | 81 | 1 | 4.00 | 2 | 70 | 50 | 80 | 605706 | 1078665 | GW | 02 |
| 5600646 | 20.20 | 3 | 7.40 | 2 | 121087 | AGROW | 1 | 0 CONTOUR LAND CORPORATION | | | |
| 5600646-1 | 82 | 2 | 10.00 | 2 | 1000 | 400 | 850 | 655118 | 1100916 | GW | 08 Cap. est. |
| 5600647 | 25.00 | 3 | 9.20 | 2 | 121087 | AGROW | 0 | 2 LIER GROVES, INC. | | | |
| 5600647-1S | 71 | 1 | 1 | 14 | 1 | 12000 | 655308 | 1129659 | SW | 99 | C-64 |
| 5600647-1C | 71 | 4 | 1 | 14 | | | SW | C-64, Culvert | | | |
| 5600649 | 56.30 | 3 | 20.70 | 2 | 10788 | AGIBOT | 1 | 1 DUNN BROTHERS, INC. | | | |
| 5600649-1 | 83 | 1 | 6.00 | 2 | 900 | 270 | 4 | 669337 | 1098726 | GW | 08 |
| 5600649-1S | 83 | 1 | 1 | 13 | 3 | 7500 | 668413 | 1098408 | SW | 99 | C-85 |
| 5600650 | 13.30 | 3 | 4.90 | 2 | 10788 | AGIBON | 1 | 0 DUNN BROTHERS, INC. | | | |
| 5600650-1 | 72 | 1 | 8.00 | 2 | 800 | 240 | 4 | 67016 | 1106025 | GW | 08 Cap. est. |
| 5600651-1 | 71 | 1 | 6.00 | 2 | 940 | 300 | 4 | 649273 | 1129403 | GW | 08 |
| 5600651-1S | 71 | 1 | 1 | 11 | 3 | 8000 | 649675 | 1129548 | SW | 99 | C-64 |
| 5600651 | 26.60 | 3 | 9.80 | 2 | 10788 | AGIBOT | 1 | 1 DUNN BROTHERS, INC. | | | |
| 5600651-1 | 71 | 1 | 6.00 | 2 | 940 | 300 | 4 | 649273 | 1129403 | GW | 08 |
| 5600651-1S | 71 | 1 | 1 | 11 | 3 | 8000 | 649675 | 1129548 | SW | 99 | C-64 |
| 5600652 | 88.80 | 3 | 32.70 | 2 | 10788 | AGIBON | 1 | 0 BELAIR GROVES JOINT VENTURE | | | |
| 5600652-1 | 71 | 1 | 10.00 | 2 | 1026 | 298 | 4 | 65700 | 1139102 | GW | 08 Cap. est. |
| 5600658 | 144.00 | 3 | 2 | 10788 | AGIBON | 0 | 1 N ST LUCIE RIVER W.C. DISTRICT | | | | |
| 5600658-1 | 71 | 1 | 1 | 50000 | | | 673306 | 1140526 | SW | 99 | Freeze protection use only. Alloc.estim.2 events/yr |
| 5600662 | 105.60 | 3 | 38.80 | 2 | 31088 | AGIBOT | 3 | 1 ST. LUCIE CORPORATION | | | |
| 5600662-1 | 71 | 1 | 6.00 | 2 | 880 | 260 | 4 | 657973 | 1129689 | GW | 08 Cap. estim. |
| 5600662-2 | 71 | 1 | 4.00 | 2 | 800 | 260 | 4 | 658974 | 1129595 | GW | 08 " |
| 5600662-3 | 71 | 1 | 6.00 | 2 | 870 | 260 | 4 | 659014 | 1130996 | GW | 08 " |
| 5600662-15 | 71 | 1 | 1 | 11 | 3 | 10000 | 661009 | 1129878 | SW | 99 | C-64 |
| 5600663 | 96.30 | 3 | 3.00 | 2 | 31088 | AGIBON | 1 | 0 DUNN, EARNEST | | | |
| 5600663-1W | 83 | 1 | 4.00 | 2 | 800 | 260 | 4 | 677362 | 1090899 | GW | 08 |
| 5600665 | 39.10 | 3 | 14.40 | 2 | 31088 | AGIBOT | 1 | 1 REBS, INC. | | | |
| 5600665-1 | 83 | 1 | 5.00 | 2 | 800 | 240 | 4 | 682653 | 1104037 | GW | 08 Cap. est. |
| 5600665-1S | 83 | 1 | 1 | 10 | 3 | 5000 | 681391 | 1103830 | SW | 99 | C-85 |
| 5600666 | 25.00 | 3 | 9.20 | 2 | 31088 | AGIBOT | 1 | 1 GIP 87 LIMITED | | | |
| 5600666-1 | 83 | 1 | 4.00 | 2 | 815 | 300 | 4 | 681122 | 1143817 | GW | 08 |
| 5600666-1S | 83 | 1 | 1 | 10000 | | | 680581 | 1143814 | SW | 99 | CANAL 14, 2MAY PUMP |
| 5600667 | 28.90 | 3 | 10.70 | 2 | 31088 | AGIBOT | 1 | 1 GOTTARDO, VIRGIL | | | |
| 5600667-1 | 83 | 1 | 6.00 | 2 | 820 | 240 | 4 | 689472 | 1099871 | GW | 08 Cap. est. |
| 5600667-1S | 83 | 1 | 1 | 11 | 3 | 8000 | 688320 | 1099860 | SW | 99 | C-85 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL. UNIT NO. | MAX. UTS. NO. | MIN. UTS. NO. | DATE USE ISS. | DATE USE SCHED. | SU | TYPE M.S. | OWNER | CO NO. | PERMIT NO. | DEV NO. | AQ TYPE | ST | ACRES | EFF. |
|------------|---------------|---------------|---------------|---------------|-----------------|----|-----------|-------|--------|------------|---------|---------|----|-------|------|
| <hr/> | | | | | | | | | | | | | | | |

LINE 2+ HEADING (Table 1 - Existing Water Use - facilities information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. SIS/DA. | OPTN CO ID | PMP INT CAP. | PUMP CD | YPLNR TIP CAP. | YPLNR SRC | AQ COMMENTS |
|------------|-----------------|-----------|------------------|------------|--------------|---------|----------------|-----------|-------------|
| <hr/> | | | | | | | | | |

| 5600668 | 185.40 | 3 | 68.20 | 2 | 310000 AGRbot | 10 | 5 W LINE CITRUS GROWERS ASSN | 56 | 5600668W | 2,0 | 13 | 1.5 | 12 | 403 | 0.85 |
|------------|---------|---|--------|---|---------------|-----|-----------------------------------|-------|--------------------|------|------------------|-----|-----|------|------|
| 5600668-1 | 70 | 1 | 5.00 | 2 | 600 | 300 | 4 | 50 | 607600 1143903 GW | 08 | | | | | |
| 5600668-2 | 70 | 2 | 12.00 | 2 | 900 | 350 | 4 | 1200 | 607446 1144755 GW | 08 | | | | | |
| 5600668-3 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 607175 1144565 GW | 02 | | | | | |
| 5600668-4 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 608499 114552 GW | 02 | | | | | |
| 5600668-5 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 607108 1142140 GW | 02 | | | | | |
| 5600668-6 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 608666 1142124 GW | 02 | | | | | |
| 5600668-7 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 607225 1139884 GW | 02 | | | | | |
| 5600668-8 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 608582 1139860 GW | 02 | | | | | |
| 5600668-9 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 607140 1137993 GW | 02 | | | | | |
| 5600668-10 | 70 | 2 | 10.00 | 2 | 100 | 50 | 2 | 200 | 608938 1136995 GW | 02 | | | | | |
| 5600668-11 | 70 | 2 | 1 | | 1 | 20 | 1 | 600 | 607343 1142450 SW | 99 | On site canal | | | | |
| 5600668-12 | 70 | 2 | 1 | | 1 | 20 | 1 | 600 | 608785 1142426 SW | 99 | On site canal | | | | |
| 5600668-13 | 70 | 2 | 1 | | 1 | 20 | 1 | 600 | 607336 1140190 SW | 99 | On site canal | | | | |
| 5600668-14 | 70 | 2 | 1 | | 1 | 20 | 1 | 600 | 608910 1140131 SW | 99 | On site canal | | | | |
| 5600668-15 | 70 | 2 | 1 | | 1 | 20 | 1 | 600 | 608373 1144828 SW | 99 | On site canal | | | | |
| 5600668-16 | 70 | 2 | 1 | | 1 | 20 | 1 | 600 | 608373 1144828 SW | 99 | On site canal | | | | |
| 5600668-17 | 70 | 2 | 1 | | 1 | 20 | 1 | 600 | 608373 1144828 SW | 99 | On site canal | | | | |
| 5600669 | 19.80 | 3 | 7.50 | 2 | 310000 AGRbot | 3 | 1 HAYNES, CHRISTINE | 56 | 5600669W | 08 | 13 | 0.8 | 11 | 32 | 0.5 |
| 5600669-1 | 72 | 1 | 5.00 | 2 | 920 | 300 | 4 | 325 | 695996 1145598 GW | 08 | | | | | |
| 5600669-2 | 72 | 1 | 6.00 | 2 | 960 | 320 | 4 | 520 | 695150 1145143 GW | 08 | | | | | |
| 5600669-3 | 72 | 1 | 3.00 | 2 | 840 | 280 | 4 | 105 | 695135 1144321 GW | 08 | | | | | |
| 5600669-5 | 72 | 1 | 1 | | 1 | 10 | 1 | 10000 | 695135 1144321 SW | 99 | C-3, Loc. estim. | | | | |
| 5600676 | 118.70 | 3 | 43.70 | 2 | 610000 AGRbot | 0 | 1 POPPEL, L. RALPH | 56 | 5600676W | 13 | 0.8 | 11 | 152 | 0.5 | |
| 5600676-1S | 72 | 1 | 8.00 | 1 | 126 | 107 | 2 | 250 | 648352 1140382 SW | C-25 | | | | | |
| 5600676-C | 72 | 4 | 1 | | 1 | -2. | 2 | 200 | 721391 1046192 SW | 99 | On site lake | | | | |
| 5600682 | 10.50 | 3 | 1.60 | 2 | 100500 LAMBOT | 1 | 1 K. HOMANIAN AT THE PARK ST | 56 | 5600682W | 02 | 15 | .8 | 4 | 9 | 0.75 |
| 5600682-1 | 84 | 2 | 8.00 | 1 | 126 | 107 | 2 | 250 | 617906 11446477 GW | 08 | | | | | |
| 5600682-1S | 84 | 2 | 1 | | 1 | -2. | 2 | 200 | 617606 1146677 GW | 08 | Loc. guessed | | | | |
| 5600683 | 1343.50 | 3 | 494.50 | 2 | 100600 AGRbot | 13 | 9 CRITTENDEN, E.M., LANGLEY, A.E. | 56 | 5600683W | 08 | 13 | 1.5 | 11 | 2921 | 0.85 |
| 5600683-1 | 70 | 1 | 8.00 | 2 | 1200 | 400 | 4 | 900 | 617906 11446477 GW | 08 | | | | | |
| 5600683-2 | 70 | 1 | 8.00 | 2 | 1200 | 400 | 4 | 900 | 622356 1150456 GW | 08 | | | | | |
| 5600683-3 | 71 | 1 | 8.00 | 2 | 1200 | 400 | 4 | 900 | 617746 1145657 GW | 08 | | | | | |
| 5600683-4 | 70 | 1 | 6.00 | 2 | 800 | 300 | 4 | 400 | 617746 1145657 GW | 08 | | | | | |

| LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit) | | | | | | | | | |
|--|------------|---------------|-------------|---------------|----------------------|-----------------|--------------|----------------------|---|
| PERMIT NO. | AN. ALL. | MAX. NO. UNT. | NO. UTS CO. | MAX. NO. UNT. | DATE ISSUED CO. ISS. | USE SRCNO. TYPE | SU M/S | CROP SOIL TYPING | SOIL MAIN ST. ACRES EFF |
| | | | | | | | | | |
| 5600722 | 5600722-1 | 0.70 | 84 | 2 | 4.00 | 60 | 50 | 3 | 1 0 MIDWAY MANORS, INC. 706461 1103619 GW 02 |
| 5600723 | 5600723-1 | 32.20 | 3 | 72 | 1 | 6.00 | 75 | 75 45 2 | 1 0 KUTA, GEORGE S. 693200 1150803 GW 02 |
| 5600727 | 5600727-1 | 0.50 | 84 | 2 | 2.00 | 46 | 32 | 32 1 | 1 0 MERCEDES HOMES, INC. 719627. 1069079 GW 02 Temporary PWS,GP |
| 5600731 | 5600731-1 | 13.10 | 3 | 83 | 1 | 6.00 | 1 | 25 | 41389 1MD94 2 0 EXXON COMPANY USA |
| 5600731-2 | 83 | 2 | 6.00 | 1 | 30 | 5 | 29 | 2 | 5 724693 1064273 GW 02 |
| 5600738 | 5600738-1 | 9.90 | 3 | 61 | 1 | 4.30 | 750 | 210 4 | 1 0 ROCHESTER, HERBERT 699714 1152131 GW 08 |
| 5600739 | 5600739-1 | 0.30 | 83 | 2 | 2.00 | 60 | 50 | 3 | 1 0 N.J. FERRITER CONSTRUCTION 697766. 1064394 GW 02 G.P. |
| 5600740 | 5600740-1 | 0.20 | 84 | 2 | 2.00 | 60 | 40689 PWSGW | 25 | 0 ANDRE DORANA, PETE SCHULTZ 704407. 10690916 GW 02 |
| 5600747 | 5600747-1 | 9.20 | 3 | 61 | 1 | 4.00 | 800 | 300 4 | 2 0 PIPPIN MUBERT PIPPIN, ESTATE 679402 1163119 GW 08 |
| 5600748 | 5600748-1 | 919.00 | 3 | 61 | 1 | 4.00 | 800 | 300 4 | 100 679384 1164127 GW 08 |
| 5600748 | 5600748-1 | 59 | 1 | 59 | 1 | 6.00 | 51189 AGRbot | 4 | 6 CRITTENDON, E.M., COOK, R.H. 2 605445 1170539 GW 08 Cap. est. |
| 5600748-2 | 5600748-2 | 59 | 1 | 6.00 | 6 | 6 | 250 | 607751 1170601 GW 08 | |
| 5600748-3 | 5600748-3 | 59 | 1 | 8.00 | 1200 | 400 | 575 | 604945 1167750 GW 08 | |
| 5600748-4 | 5600748-4 | 59 | 1 | 8.00 | 1200 | 400 | 575 | 608550 1167902 GW 08 | |
| 5600748-5 | 5600748-5 | 59 | 1 | 6.00 | 6 | 6 | 250 | 604069 1164465 GW 08 | |
| 5600748-6 | 5600748-6 | 59 | 1 | 6.00 | 6 | 6 | 250 | 604066 1163256 GW 08 | |
| 5600748-7 | 5600748-7 | 59 | 1 | 8.00 | 1200 | 400 | 575 | 605153 1162604 GW 08 | |
| 5600748-8 | 5600748-8 | 59 | 1 | 8.00 | 1200 | 400 | 575 | 604703 1159106 GW 08 | |
| 5600748-9 | 5600748-9 | 59 | 1 | 8.00 | 1200 | 400 | 575 | 604339 1156920 GW 08 | |
| 5600748-20 | 5600748-20 | 59 | 1 | 6.00 | 6 | 6 | 250 | 610832 1152979 GW 08 | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. SISPA. | OPTN CO ID | PUMP CD INT TYP CAP. | PUMP MTR? | PUMP SRC | AQ CO | COMMENTS |
|------------|-----------------|-----------|-----------------|------------|----------------------|-----------|----------|-------|----------|
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | | |
|------------|--------|------|--------|--------|---------|-------------------|-----------------------------------|-----------------------|-------|
| 5600748-1S | 2 | 6500 | 2 | 610632 | 1152979 | SU | 99 Reservoir & Canal, | Loc. estimated | |
| 5600748-2S | 2 | 6500 | 2 | 610632 | 1152979 | SU | 99 Reservoir & Canal, | Loc. estimated | |
| 5600748-3S | 2 | 6500 | 2 | 610632 | 1152979 | SU | 99 Reservoir & Canal, | Loc. estimated | |
| 5600748-4S | 2 | 6500 | 2 | 610632 | 1152979 | SU | 99 Reservoir & Canal, | Loc. estimated | |
| 5600748-5S | 2 | 6500 | 2 | 610632 | 1152979 | SU | 99 Reservoir & Canal, | Loc. estimated | |
| 5600748-6S | 2 | 6500 | 2 | 610632 | 1152979 | SU | 99 Reservoir & Canal, | Loc. estimated | |
| 5600748-6S | 2 | 6500 | 2 | 610632 | 1152979 | SU | 99 Reservoir & Canal, | Loc. estimated | |
| 5600749 | 18.40 | 3 | 6.70 | 51189 | AGBOT | 1 | 1 ESTATE OF PIPPIN MURBERT PIPPIN | 56 5600749W | |
| 5600749-1 | 71 | 1 | 6.00 | 1000 | 265 | 4 | 653133 1123527 GU | 08 | |
| 5600749-1S | 71 | 1 | 6.00 | 8000 | 652646 | 1124020 SU | 99 FPFDD Canal | | |
| 5600750 | 541.40 | 3 | 15.20 | 51189 | AGBOT | 1 | 1 KIRCHMAN, KENNETH | 56 5600750W | |
| 5600750-15 | 72 | 1 | 6.00 | 1 | 6000 | 690357 1149731 GU | 08 | | |
| 5600751 | 540.63 | 1 | 73 | 1 | 4.00 | 80 | 691966 1149658 SU | 99 FPFDD Canal | |
| 5600753 | 423.10 | 3 | 155.70 | 51189 | AGBOT | 1 | 0 VIVIAN, JOHN C. | 56 5600751W | |
| 5600753-1 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 714807. 1143801 GU | 02 G.P. | |
| 5600753-2 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623420 10856459 | GU 08 | |
| 5600753-3 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623372 1084774 | GU 08 | |
| 5600753-4 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 622990 10900999 | GU 08 | |
| 5600753-5 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623702 10899888 | GU 08 | |
| 5600753-6 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623756 1091441 | GU 08 | |
| 5600753-7 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623400 1082218 | GU 08 | |
| 5600753-8 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623463 1091232 | GU 08 | |
| 5600753-9 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623158 10835502 | GU 08 | |
| 5600753-10 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623701 1090919 | GU 08 | |
| 5600753-11 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623080 1086224 | GU 08 | |
| 5600753-12 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623163 1090746 | GU 08 | |
| 5600753-13 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623397 1081548 | GU 08 | |
| 5600753-14 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623075 1084890 | GU 08 | |
| 5600753-15 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623701 1090454 | GU 08 | |
| 5600753-16 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623350 1086412 | GU 08 | |
| 5600753-17 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 622492 1088678 | GU 08 | |
| 5600753-18 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 622530 1087057 | GU 08 | |
| 5600753-19 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623397 1081548 | GU 08 | |
| 5600753-20 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623691 1089442 | GU 08 | |
| 5600753-21 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623419 1083322 | GU 08 | |
| 5600753-22 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623047 1082334 | GU 08 | |
| 5600753-23 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623294 1089956 | GU 08 | |
| 5600753-24 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623106 1082894 | GU 08 | |
| 5600753-25 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623616 1081620 | GU 08 | |
| 5600753-26 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623122 1085321 | GU 08 | |
| 5600753-27 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623313 1084052 | GU 08 | |
| 5600753-28 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623739 1091939 | GU 08 | |
| 5600753-29 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623736 1091248 | SU 99 On site ditches | |
| 5600753-30 | 82 | 2 | 12.00 | 1100 | 450 | 4 | 623134 1083185 | SU 99 | |
| 5600753-31 | 82 | 2 | | | | 17 | 2000 | 623150 1091203 | SU 99 |
| 5600753-32 | 82 | 2 | | | | 17 | 2000 | 623150 1091203 | SU 99 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AW. | ALL MAX UNIT NO. | | | DATE USE SRCNO. | | | SW UTS CO ISS. | | | TYPE M.S. | | | PHWS OWNER | | |
|------------|------|------------------|----------|--------|-----------------|-------|--------------|------------------|--------|---------|---------------|---------|-------------|------------|-------|-----|
| | | QUAD. | WELL NO. | CD NO. | DPH CO | CD CO | INT TYP CAP. | MTR? XPLNR YPLNR | SRC AQ | COMENTS | CO PERMIT NO. | DEV NO. | AQTYPE TYPE | ST | ACRES | EFF |
| | ALL. | | | | | | | | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NUMBER | FACILITY NO. | SISDIA. | PMP PMP PUMP | | | PMP PMP PUMP | | | INT TYP CAP. | | | MTR? XPLNR YPLNR | | | SRC AQ COMMENTS | | |
|---------------|--------------|---------|--------------|-------|-------|--------------|-------|---------|--------------|--------|-------------|----------------------|--------------------------------|---------|-----------------------|----|----|
| | | | WELL | CD | CD | CD | CD | CD | CD | CD | CD | CD | CD | CD | CD | CD | CD |
| 5600753-45 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 622273 | 1090062 | SW | 99 | | | | | | |
| 5600753-55 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623343 | 1088679 | SW | 99 | | | | | | |
| 5600753-65 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623345 | 1084518 | SW | 99 | | | | | | |
| 5600753-75 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623108 | 1082029 | SW | 99 | | | | | | |
| 5600753-85 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623080 | 1084577 | SW | 99 | | | | | | |
| 5600753-95 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623451 | 1083165 | SW | 99 | | | | | | |
| 5600753-105 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623330 | 1086223 | SW | 99 | | | | | | |
| 5600753-115 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623397 | 1081985 | SW | 99 | | | | | | |
| 5600753-125 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 622513 | 1087723 | SW | 99 | | | | | | |
| 5600753-135 | 82 | 2 | 1 | 1 | 17 | 2 | 2000 | 623073 | 1086255 | SW | 99 | | | | | | |
| 5600758 | 5600758-1 | 4.60 | 1 | 2.00 | 80 | 70 | 1 | 50969 | PWSNW | 1 | 0 | INDIAN RIVER ACADEMY | \$6 | 5600758 | 02 | | |
| 5600759 | 5600759-1 | 0.21 | 84 | 1 | 2.00 | 90 | 80 | 1 | 50989 | PWSNW | 1 | 0 | JAMES, GERALD | 56 | 5600759 | 02 | |
| 5600760 | 5600760-1 | 0.04 | 73 | 1 | 2.00 | 60 | 50 | 20 | 51089 | PWSNW | 1 | 0 | YOUNG DANIEL DICKSON CONSTRUC. | 56 | 5600760 | 02 | |
| 5600763 | 5600763-15 | 1.10 | 84 | 1 | 2.00 | 60 | 50 | 20 | 52689 | LANSW | 0 | 1 | DAILY, THOMAS V., AS BISHOP | 56 | 5600763 | 7 | |
| 5600765 | 5600765-15 | 525.60 | 3 | 1 | 61589 | MINON | 0 | 734612. | 1086153 | SW | 99 | on site lake,G.P. | 56 | 5600765 | 1800 | | |
| 5600768 | 5600768-1 | 13.80 | 72 | 1 | 6.00 | 110 | 90 | 68 | 60789 | PERSON | 2 | 0 | J.C. STANLEY & ASSOC., INC. | 56 | 5600768 | 02 | |
| 5600768-2 | 5600768-2 | 72 | 1 | 6.00 | 110 | 90 | 68 | 2 | 150 | | | 684557 1141282 SW 02 | 56 | 5600768 | 02 | | |
| 5600768 | 5600768-1 | 0.60 | 72 | 1 | 2.00 | 75 | 60789 | LANSW | 1 | 0 | EVANS, GARY | 684351 1141501 SW 02 | 56 | 5600768 | 0 | | |
| 5600770 | 5600770-1 | 0.50 | 61 | 1 | 2.00 | 80 | 80 | 15 | 61469 | PWSNW | 1 | 0 | LAKWOOD PARK UNITED METHODIST | 56 | 5600770 | 02 | |
| 5600771 | | 99.30 | 3 | 31.70 | | | | 71389 | AGRGW | 9 | 0 | LYKES BROTHERS, INC. | 56 | 5600771 | 2,8 13 0 8 11 80 0.85 | | |

| | | | | | | | | | | | | |
|---------|------------|----|---|-------|----------------|-----|-----|------|--|---------|----|----------------|
| 5600771 | 5600771-21 | 61 | 1 | 5.00 | 750 | 250 | 4 | 120 | 661840 | 1163282 | GU | 08 |
| | 5600771-22 | 61 | 1 | 5.00 | 735 | 250 | 4 | 120 | 662231 | 1164050 | GU | 08 |
| | 5600771-23 | 61 | 1 | 5.00 | 735 | 250 | 4 | 120 | 661881 | 1164230 | GU | 08 |
| | 5600771-24 | 61 | 1 | 5.00 | 800 | 250 | 4 | 120 | 663242 | 1163275 | GU | 08 |
| | 5600771-25 | 61 | 1 | 5.00 | 750 | 250 | 4 | 120 | 662832 | 1163317 | GU | 08 |
| | 5600771-26 | 61 | 1 | 8.00 | 1200 | 250 | 4 | 375 | 662802 | 1163811 | GU | 08 |
| | 5600771-27 | 61 | 1 | 5.00 | 800 | 250 | 4 | 120 | 662484 | 1164312 | GU | 08 |
| | 5600771-28 | 61 | 1 | 5.00 | 800 | 250 | 4 | 120 | 662829 | 1164341 | GU | 08 |
| | 5600771-29 | 61 | 1 | 5.00 | 700 | 250 | 4 | 90 | 660904 | 1163131 | GU | 08 |
| 5600777 | 5600777-1 | 83 | 2 | 2.00 | 60 | 50 | 3 | 25 | 0 CARTWRIGHT, JOHN & OLGA 6500118 1064750 | GU | 02 | 0 |
| 5600779 | 5600779-1 | 84 | 2 | 6.00 | 90 | 60 | 2 | 120 | 0 CITY OF PORT ST. LUCIE 704741 1082712 | GU | 02 | 15 |
| 5600783 | 5600783-1 | 72 | 2 | 2.00 | 66 | 60 | 1 | 10 | 0 L.M. DUNN SONS, INC. 664773 1130785 | GU | 02 | 02 |
| 5600784 | 5600784-1 | 73 | 2 | 2.00 | 53 | 48 | 5. | 40 | 0 GEN ELECTRIC MFG. CO. INC. 709927 1147807 | GU | 02 | 15 |
| 5600785 | 5600785-1 | 81 | 2 | 33.90 | 91089 AG Robot | 4 | 7 | 3 | INGLEHART, STEWART & PHILLIP 615772 1074743 | GU | 08 | 201 |
| | 5600785-2 | 81 | 2 | 12.00 | 1200 | 650 | 4 | 800 | 616386 1075278 | GU | 08 | |
| | 5600785-3 | 81 | 2 | 12.00 | 1200 | 650 | 4 | 800 | 615359 1074070 | GU | 08 | |
| | 5600785-4 | 81 | 2 | 12.00 | 1200 | 650 | 4 | 800 | 616036 1074352 | GU | 08 | |
| | 5600785-5 | 81 | 2 | 12.00 | 1200 | 650 | 4 | 800 | 616429 1074387 | GU | 08 | |
| | 5600785-6 | 81 | 2 | 12.00 | 1200 | 650 | 4 | 800 | 616720 1074426 | GU | 08 | |
| | 5600785-7 | 81 | 2 | 12.00 | 1200 | 650 | 4 | 800 | 615332 1073496 | GU | 08 | |
| | 5600785-18 | 81 | 2 | | | | | 2000 | 615756 1076924 | GU | 99 | On site canals |
| | 5600785-25 | 81 | 2 | | | | | 2000 | 616092 1075356 | GU | 99 | On site canals |
| | 5600785-35 | 81 | 2 | | | | | 2000 | 615346 1074295 | GU | 99 | On site canals |
| 5600788 | 5600788-1 | 72 | 1 | 39.30 | 91089 AG Robot | 4 | 4 | 1 | COCOA-COLA FOODS 662555 1137563 | GU | 08 | 205 0.75 |
| | 5600788-2 | 71 | 1 | 5.00 | 800 | 4 | 250 | 300 | 661774 1136990 | GU | 08 | |
| | 5600788-3 | 71 | 1 | 5.00 | 800 | 350 | 4 | 125 | 659006 1136522 | GU | 08 | |
| | 5600788-4 | 71 | 2 | 8.00 | 800 | 350 | 4 | 400 | 659995 1136543 | GU | 08 | |
| | 5600788-15 | 72 | 1 | | 1 | 20 | 1 | 8200 | 662662 1136795 | GU | 99 | Header Canal |
| 5600789 | 5600789-1 | 72 | 1 | 6.50 | 91089 AG Robot | 4 | 2 | 0 | COCA-COLA FOODS 690322 1136179 | GU | 08 | 56 5600789 |
| | 5600789-2 | 72 | 1 | 5.00 | 550 | 4 | 160 | 220 | 690307 1136707 | GU | 08 | |
| 5600794 | 5600794-1 | 84 | 1 | 2.00 | 63 | 63 | 20 | 14 | 0 SUN COAST BUILDERS, G.C. 718887. 1094622 | GU | 02 | G.P. |
| | 5600794-2 | 84 | 1 | 2.00 | 65 | 65 | 20 | 14 | 718805. 1094823 | GU | 02 | |
| 5600795 | 5600795-1 | 84 | 2 | 2.00 | 60 | 50 | 3 | 15 | 0 BEVELS, PAUL 704320. 1080309 | GU | 02 | G.P. |
| | | | | | | | | | 56 5600795 | | 02 | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | NO. USE SCNO. | DATE USE ISS. | SW UTS CO | TYPE U.S. | PHS | OWNER | CROP SOIL CO | PERMIT NO. | DEV NO. | ATYPE | ST | IRR ACRES | EFF |
|------------|-----|------------------|---------------|---------------|-----------|-----------|-----|-------|--------------|------------|---------|-------|----|-----------|-----|
|------------|-----|------------------|---------------|---------------|-----------|-----------|-----|-------|--------------|------------|---------|-------|----|-----------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. | WELL NO. | DEPTH DPTH | PUMP PUM PUMP | CD CDD TD INT TYP CAP. | MTR? XPLNR SRC AQ | COMMENTS |
|------------|-----------------|-------|----------|------------|---------------|------------------------|-------------------|----------|
|------------|-----------------|-------|----------|------------|---------------|------------------------|-------------------|----------|

| | | | | | | | | | | | | | |
|---------|-----------|------|----|------|------|------|----|---|----------------------|--|----------|----------|----|
| 5600796 | 5600796-1 | 0.36 | 72 | 1 | 4.00 | 120 | 80 | 1 | 2 | 0 ORANGE CO OF FLORIDA, INC. | 56 | 5600796W | 02 |
| | 5600796-2 | | 72 | 2 | 8.00 | 95 | 95 | 2 | 50 | 668803 1134044 GW 02 existing well to be plugged | | | |
| 5600797 | 5600797-1 | 3.65 | 84 | 2 | 4.00 | 105 | 85 | 1 | 1 | 0 CITY OF PORT ST. LUCIE | 56 | 5400797W | 02 |
| | 5600797-2 | | 84 | 2 | 2.00 | 95 | 85 | 1 | 30 | 706072. 1072846 GW 02 | | | |
| | | | | | | | | | 30 | 705891. 1073047 GW 02 | G.P. | | |
| 5600798 | 5600798-1 | 0.07 | 84 | 1 | 2.00 | 95 | 85 | 1 | 1 | 0 CITY OF PORT ST. LUCIE | 56 | 5600798W | 02 |
| | | | | | | | | | 30 | 706095 1072713 GW 02 | | | |
| 5600804 | 5600804-1 | 0.78 | 84 | 1 | 2.00 | 53.5 | 48 | 5 | 1 | 0 SUNRISE FORD COMPANY | 56 | 5400804W | 02 |
| | | | | | | | | | 40 | 718362. 1102800 GW 02 | G.P. | | |
| 5600805 | 5600805-1 | 0.22 | 73 | 2 | 2.00 | 90 | 80 | 1 | 1 | 0 HIGH TIDE SALES, -DON WOOD | 56 | 5600805W | 02 |
| | | | | | | | | | 10 | 705515. 1111519 GW 02 | G.P. | | |
| 5600806 | 5600806-1 | 0.49 | 84 | 1 | 2.00 | 60 | 50 | 1 | 1 | 0 AMERICAN TIRE & MUFFLER, INC. | 56 | 5600806W | 02 |
| | | | | | | | | | 100 | 706794. 1072849 GW 02 | G.P. | | |
| 5600814 | 5600814-1 | 0.91 | 61 | 2 | 2.00 | 90 | 80 | 1 | 1 | 0 CROSS, MAX | 56 | 5600814W | 02 |
| | | | | | | | | | 15 | 695182. 1160444 GW 02 | G.P. | | |
| 5600815 | 5600815-1 | 0.04 | 73 | 2 | 2.00 | 70 | 63 | 3 | 1 | 0 HCV, INC. | 56 | 5600815W | 02 |
| | | | | | | | | | 10 | 705769 1109993 GW 02 | | | |
| 5600816 | 5600816-1 | 9.63 | 83 | 2 | 2.00 | 70 | 60 | 3 | 1 | 0 SCHOOL BOARD/ST. LUCIE COUNTY | 56 | 5600816W | 02 |
| | 5600816-2 | | 83 | 2 | 2.00 | 70 | 60 | 3 | 20 | 701342. 1080496 GW 02 WELL COORDS. ARE APPROX. | | | |
| | | | | | | | | | 20 | 701338. 1081304 GW 02 NOT DRILLED YET | | | |
| 5600829 | 5600829-1 | 73 | 2 | 2.00 | 69 | 59 | 2 | 1 | 0 WOVV RADIO STATION | 56 | 5600829W | 02 | |
| | | | | | | | | | 18 | 707071 1127971 GW 02 | | | |

LINE 1 HEADINGS / Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

CROP SOIL RAIN IRR IRR
AN. PERMIT NO. DEV NO. AQTYPE TYPE ST ACRES EFF

ME 2: HEADING (Circle 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. WELL NO. | DEPTH | PMP PUM PUMP | CD | INT TYP CAP. | MTR? XPLNR SRC | AO COMMENTS |
|------------|-----------------|----------------|--------|--------------|----|--------------|----------------|-------------|
| | | SISPIA. | CD0 1D | | | | | |

| | | | | | | | | | |
|---------|------------|------|-------|------------|--------------|-------|------|--|-----------------------|
| 5600771 | 5600771-21 | 61 1 | 5.00 | 750 | 250 | 6 | 120 | 681860 1163282 GU 06 | 13 0.8 11 80 0.5 |
| | 5600771-22 | 61 1 | 5.00 | 735 | 250 | 4 | 120 | 682231 1164050 GU 06 | |
| | 5600771-23 | 61 1 | 5.00 | 735 | 250 | 4 | 120 | 681881 1164230 GU 06 | Cap. estimated |
| | 5600771-24 | 61 1 | 5.00 | 800 | 250 | 4 | 120 | 682242 1163275 GU 06 | " |
| | 5600771-25 | 61 1 | 5.00 | 750 | 250 | 4 | 120 | 682252 1163317 GU 06 | " |
| | 5600771-26 | 61 1 | 8.00 | 1200 | 250 | 4 | 375 | 682902 1163811 GU 06 | " |
| | 5600771-27 | 61 1 | 5.00 | 800 | 250 | 4 | 120 | 682484 1164312 GU 06 | " |
| | 5600771-28 | 61 1 | 5.00 | 800 | 250 | 4 | 120 | 682229 1164341 GU 06 | " |
| | 5600771-29 | 61 1 | 5.00 | 700 | 250 | 4 | 90 | 680904 1163131 GU 08 | |
| 5600777 | 5600777-1 | 83 2 | 2.00 | 60 | 50 | LAM 3 | 25 | 0 CARTWRIGHT, JOHN & OLGA 690018 1064750 GU 02 | 0 |
| 5600779 | 5600779-1 | 84 2 | 6.00 | 90 | 60 | 2 | 120 | 0 CITY OF PORT ST. LUCIE 704741 1082712 GU 02 Old well to be abandoned | 02 15 5 |
| 5600783 | 5600783-1 | 72 2 | 2.00 | 66 | 60 | 1 | 10 | 0 L.H. DUNN SONS, INC. 664773 1130785 GU 02 | 02 |
| 5600784 | 5600784-1 | 73 2 | 2.00 | 53 | 48 | 5. 3 | 40 | 1 GEN ELECTRIC MFG. CO. INC. 7059927 1147807 GU 02 Old well to be abandoned | 02 15 2 |
| 5600785 | 5600785-1 | 81 2 | 3 | 33.90 | 91089 AGRbot | 7 | 3 | INGEHEART, STEWART & PHILLIP 56 5600785W | 08 |
| | 5600785-2 | 81 2 | 12.00 | 1200 | 650 | 4 | 800 | 6185772 1074743 GU 08 | |
| | 5600785-3 | 81 2 | 12.00 | 1200 | 650 | 4 | 800 | 618366 1075270 GU 08 | |
| | 5600785-4 | 81 2 | 12.00 | 1200 | 650 | 4 | 800 | 615359 1074070 GU 08 | |
| | 5600785-5 | 81 2 | 12.00 | 1200 | 650 | 4 | 800 | 618036 1074352 GU 08 | |
| | 5600785-6 | 81 2 | 12.00 | 1200 | 650 | 4 | 800 | 616429 1074387 GU 08 | |
| | 5600785-7 | 81 2 | 12.00 | 1200 | 650 | 4 | 800 | 615332 1073496 GU 08 | |
| | 5600785-15 | 81 2 | | | | | 2000 | 615766 1074924 GU 99 On site canals | |
| | 5600785-23 | 81 2 | | | | | 2000 | 616092 1075356 GU 99 On site canals | |
| | 5600785-35 | 81 2 | | | | | 2000 | 615346 1074295 GU 99 On site canals | |
| 5600788 | 5600788-1 | 72 1 | 5.00 | 800 | 550 | 4 | 250 | 1 COCA-COLA FOODS 662555 1137563 GU 08 | 08 13 1.5 11 205 0.75 |
| | 5600788-2 | 71 1 | 5.00 | 800 | 350 | 4 | 300 | 661774 1138990 GU 08 | |
| | 5600788-3 | 71 1 | 5.00 | 800 | 350 | 4 | 125 | 659406 1138522 GU 08 | |
| | 5600788-4 | 71 2 | 8.00 | 800 | 350 | 4 | 400 | 658695 1138543 GU 08 | |
| | 5600788-15 | 72 1 | 1 | | 20 | 1 | 8200 | 662662 1138795 GU 99 Header Canal | |
| 5600789 | 5600789-1 | 72 1 | 6.50 | 91089 AGRW | 2 | 0 | 160 | 0 COCA-COLA FOODS 698322 1136177 GU 08 | 56 5600789W |
| | 5600789-2 | 72 1 | 5.00 | 550 | 4 | 4 | 220 | 698607 1136707 GU 08 | |
| 5600794 | 5600794-1 | 84 1 | 2.00 | 63 | 63 | 20 2 | 14 | 0 SUN COAST BUILDERS, S.C. 718587 1094622 GU 02 G.P. | 56 5600794W 02 |
| | 5600794-2 | 84 1 | 2.00 | 65 | 65 | 20 2 | 14 | 718405. 1094823 GU 02 | |
| 5600795 | 5600795-1 | 84 2 | 2.00 | 60 | 50 | 3 | 15 | 0 REVELS, PAUL 704320. 1080309 GU 02 G.P. | 56 5600795W 02 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agriculture Demand for Each Permit)

| PERMIT NO. | AN. | MAX MO. | DATE USE SRNO. | SI | UTS CO ISS. | WLS. TYPE | PMP | OWNER | CO PERMIT NO. | DEV NO. | AQTYPE | ST | ACRES | IRR | IRR |
|------------|------|---------|----------------|----|-------------|-----------|-----|-------|---------------|---------|--------|----|-------|-----|-----|
| ALL. | ALL. | ALL. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. | WELL NO. | DPH PUMP | COD TO CD | INT TYP CAP. | MTR? XPLNR | YPLNR | SRC | AO | COMMENTS |
|------------|-----------------|-------|----------|----------|-----------|--------------|------------|-------|------|------|----------|
| ALL. | ALL. | ALL. | ALL. | ALL. | ALL. | ALL. | ALL. | ALL. | ALL. | ALL. | ALL. |
| | | | | | | | | | | | |

| 5600796 | 0.36 | 5600796-1 | 72 | 1 | 4.00 | 120 | 80 | 1 | 81889 PW58W | 2 | 0 ORANGE-CO OF FLORIDA, INC. | 56 | 56007964 | 02 |
|-----------|------|-----------|------|----|------|------|-------------|----|------------------------|----|---------------------------------|----|--------------------------|----|
| 5600796-2 | 72 | 2 | 8.00 | 95 | 95 | 2 | 100 | 50 | 668803 113046 GW | 02 | existing well to be plugged | | | |
| \$600797 | 3.65 | 5600797-1 | 84 | 2 | 4.00 | 105 | 85 | 1 | 81889 LANGW | 1 | 0 CITY OF PORT ST. LUCIE | 56 | 56007974 | 02 |
| | | 5600797-2 | 84 | 2 | 2.00 | 95 | 85 | 1 | | 30 | 706072. 1072846 GW | 02 | G.P. | 9 |
| | | | | | | | | | | 30 | 705891. 1073047 GW | 02 | | |
| \$600798 | 0.07 | 5600798-1 | 84 | 1 | 2.00 | 95 | 85 | 1 | 81889 PW58W | 1 | 0 CITY OF PORT ST. LUCIE | 56 | 56007984 | 02 |
| | | | | | | | | | | 30 | 706095 1072713 GW | 02 | | |
| \$600804 | 0.78 | 5600804-1 | 84 | 1 | 2.00 | 53.5 | 82489 LANGW | 1 | 0 SUNRISE FORD COMPANY | 56 | 56008044 | 02 | 15 | 1 |
| | | | | | | | | | | 40 | 718362. 1102800 GW | 02 | G.P. | |
| \$600805 | 0.22 | 5600805-1 | 73 | 2 | 2.00 | 90 | 80 | 1 | 82589 PW58W | 1 | 0 HIGH TIDE SALES,-DON WOOD | 56 | 56008054 | 02 |
| | | | | | | | | | | 10 | 705515. 1111519 GW | 02 | G.P. | |
| \$600806 | 0.49 | 5600806-1 | 84 | 1 | 2.00 | 60 | 50 | 20 | 82889 PW58W | 1 | 0 AMERICAN TIRE & MUFFLER, INC. | 56 | 56008064 | 02 |
| | | | | | | | | | | 1 | 706794. 1072849 GW | 02 | G.P. | |
| \$600814 | 0.91 | 5600814-1 | 61 | 2 | 2.00 | 90 | 80 | 1 | 91889 PW58W | 1 | 0 CROSS, MAX | 56 | 5600814W | 02 |
| | | | | | | | | | | 15 | 675182. 1160444 GW | 02 | G.P. | |
| \$600815 | 0.04 | 5600815-1 | 73 | 2 | 2.00 | 70 | 63 | 3 | 92089 PW58W | 1 | 0 HCH, INC. | 56 | 5600815W | 02 |
| | | | | | | | | | | 10 | 705769 1109993 GW | 02 | | |
| \$600816 | 9.63 | 5600816-1 | 83 | 2 | 2.00 | 70 | 60 | 3 | 101289 LANGW | 1 | 0 SCHOOL BOARD/ST. LUCIE COUNTY | 56 | 5600816W | 02 |
| | | 5600816-2 | 83 | 2 | 2.00 | 70 | 60 | 3 | | 20 | 701342. 1080496 GW | 02 | WELL COORDS. ARE APPROX. | |
| | | | | | | | | | | 20 | 701338. 1081304 GW | 02 | NOT DRILLED YET | |
| \$600829 | | 5600829-1 | 73 | 2 | 2.00 | 69 | 59 | 2 | 101989 PW58W | 1 | 0 WOVV RADIO STATION | 56 | 5600829W | 02 |
| | | | | | | | | | | 18 | 707071 1127971 GW | 02 | | |

**Martin County
Water Use Spreadsheets**

Martin County

Martin County Water Use Spreadsheets

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. NO. | MAX UTS. | DATE ISS. | USE CO. TYPE | SRC. NO. | SW | CD | INT. NO. | PUMP CAP. | IRR. CAP. | YPLNR | OWNER | CO PERMIT NO. | DEV NO. | AQ TYPE | ST | CROPSOL | RAIN | IRR. | ACRES | EFF. |
|------------|---------|----------|-----------|--------------|----------|----|----|----------|-----------|-----------|-------|-------|---------------|---------|---------|----|---------|------|------|-------|------|
|------------|---------|----------|-----------|--------------|----------|----|----|----------|-----------|-----------|-------|-------|---------------|---------|---------|----|---------|------|------|-------|------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD NO. | WELL DPTN | PUMP PUMP |
|------------|-----------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|------------|-----------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|

Surface water pumps given aquifer code of 5
Floridan Aquifer System Wells ONLY

| | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------|-------|------------------|------|--------|----------------------------------|-------------------|--|---------------------|--|----|----|-----|----|--|-----|------|--|--|
| 4300028 | 28.52 | 03 | | 43 5/87 AG GW | 1000 | 1 | 0 BYRON GRANT/GRANT CITRUS GROVE | | 43 | 28 | | 08 | 13 | 0.8 | 24 | | 62 | 0.85 | | |
| 4300030 | 577.8 | 03 | | 43 10/88 LSC GW | | 4 | 0 SAILFISH POINT, INC. | | 43 | 30 | | 08 | 15 | 0.4 | 4 | | 458 | .85 | | |
| 4300030-1 | 97.01 | 10.00 | 02 | 1300 | 280 | 95 Y | 770772 1035672 GW | 08 | FLows CONTINUOUSLY. CHL 500PPM. GOLF COURSE. MOD. MODE 34,43 | | | | | | | | | | | |
| 4300030-2 | 97.01 | 10.00 | 02 | 1000 | | 640 Y | 769798 1033166 GW | 08 | FOR POTABLE R.O. PLANT. MODE 35,43 | | | | | | | | | | | |
| 4300030-3 | 97.01 | 6.00 | 02 | 912 | 300 | 250 Y | 769998 1033166 GW | 08 | WELLS 3,7,8,9 METERED AS ONE GOES TO POA SYSTEM. MODE 35,43 | | | | | | | | | | | |
| 4300030-4 | 97.01 | 6.00 | 02 | 1140 | 315 | 110 Y | 770972 1035672 GW | 08 | GOLF COURSE, FLOWS CONTINUOUSLY. MOD MODE 34,43 | | | | | | | | | | | |
| 4300030-5 | 97.01 | 10.00 | 02 | 965 | | 1200 Y | 769866 1034058 GW | 08 | GOLF COURSE, FLOWS CONTINUOUSLY. MODE 35,43 | | | | | | | | | | | |
| 4300030-6 | 97.01 | 10.00 | 02 | 1150 | | 740 Y | 769866 1034258 GW | 08 | FOR POTABLE R.O. PLANT. MODE 35,43 | | | | | | | | | | | |
| 4300030-7 | 97.01 | 10.00 | 02 | 1150 | 500 | 850 Y | 772310 1031856 GW | 08 | WELLS 3,7,8,9 METERED AS ONE GOES TO POA SYSTEM. MODE 35,43 | | | | | | | | | | | |
| 4300030-8 | 97.01 | 10.00 | 02 | 1150 | | 200 Y | 772510 1031856 GW | 08 | WELLS 3,7,8,9 METERED AS ONE GOES TO POA SYSTEM. MODE 35,43 | | | | | | | | | | | |
| 4300030-9 | 97.01 | 10.00 | 02 | 1200 | 750 | 850 Y | 770147 1033360 GW | 08 | WELLS 3,7,8,9 METERED AS ONE GOES TO POA SYSTEM. MODE 35,43 | | | | | | | | | | | |
| 4300031 | 229.85 | 03 | | 43 8/87 GLF BOTN | | 5 | 1 MARTIN CO. GOLF & C.C. | | 43 | 31 | | 02 | 15 | 0.4 | 4 | | 182 | 0.75 | | |
| 4300031-1 | 97.01 | 6.00 | 02 | 115 | 107 | 14.01 | 20 Y | 754382 1036460 GW | 02 | | | | | | | | | | | |
| 4300031-2 | 97.01 | 6.00 | 02 | 125 | 117 | 16.01 | 20 Y | 755081 1035397 GW | 02 | | | | | | | | | | | |
| 4300031-3 | 97.01 | 6.00 | 02 | 90 | | 02 | 400 Y | 757376 1035416 GW | 02 | | | | | | | | | | | |
| 4300031-4 | 97.01 | 4.00 | 02 | 60 | | 02 | 200 Y | 757275 1034150 GW | 02 | | | | | | | | | | | |
| 4300031-5 | 97.01 | 3.00 | 02 | 40 | | 02 | 200 Y | 757757 1034527 GW | 02 | | | | | | | | | | | |
| 4300031-6 | 97.01 | 3.00 | 02 | 40 | | 02 | 200 Y | 757759 1034298 GW | 02 | | | | | | | | | | | |
| 4300031-7 | 97.01 | 8.00 | 02 | 1025 | 610 | 640 Y | 755039 1033110 GW | 08 | Flow well locked closed 4/90 high salt 15 days/no prev. | | | | | | | | | | | |
| 4300031-SU1 | 97.02 | | | | | 1000 | 755000 1033000 SW | 05 | Location estimated | | | | | | | | | | | |
| 4300062 | 5432.01 | 03 | | 43 11/87 AG 80TH | | 2 | 1 R. W. CARRION | | 43 | 62 | | 08 | 13 | 1.5 | 24 | | 680 | 0.50 | | |
| 4300062 | 4300062-1 | 96.01 | 6.00 | 02 | 960 | 220 | 250 | 649821 1032868 GW | 08 | | | | | | | | | | | |
| | 4300062-2 | 94.01 | 6.00 | 02 | 960 | 220 | 250 | 657544 1033336 GW | 08 | | | | | | | | | | | |
| | 4300062-SU3 | 94.01 | 30.00 | | | | 10000 | 642000 1043300 SW | 05 | C-23 | | | | | | | | | | |
| | 4300062-SU4 | 94.01 | 42.00 | | | | 30000 | 647600 1043300 SW | 05 | Locations estimated | | | | | | | | | | |
| | 4300062-SU5 | 94.01 | 24.00 | | | | 10000 | 657700 1043300 SW | 05 | | | | | | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL. NO. | MAX UNT. NO. | MD. CO ISS. | DATE USE | SC.NO. SW | TYPE | W.S. PMP | OWNER | CO PERMIT NO. | DEV NO. | AO | TIPE/TYP | ST | ACRES | EFF IRR |
|------------|----------|--------------|-------------|----------|-----------|------|----------|-------|---------------|---------|----|----------|----|-------|---------|
|------------|----------|--------------|-------------|----------|-----------|------|----------|-------|---------------|---------|----|----------|----|-------|---------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD NO. | WELL DPTH | WELL SIS DIA. | PMP | PUMP CAP. | INT TYPE | CAP. MTR? | XPLNR | YPLNR | SRC | AO | COMMENTS |
|------------|-----------------|----------|-----------|---------------|-----|-----------|----------|-----------|-------|-------|-----|----|----------|
|------------|-----------------|----------|-----------|---------------|-----|-----------|----------|-----------|-------|-------|-----|----|----------|

| | | | | | | | | | | | | | | | |
|--------------|---------|----|-------|----|------|------|-----|------|--------|---------|---------------------------------|---------|----|------------------|------------------|
| 4300093-SW1 | 95 | 01 | | | | | | | 5 | 674000 | 1044300 | SW | 5 | C-23, loc. exact | |
| 4300093-SW2 | 95 | 01 | | | | | | | 180000 | 6645000 | 1044300 | SW | 5 | C-23, loc. exact | |
| 43000117 | 1690.5 | 03 | | | 43 | 5/87 | AG | BOTH | 5 | 2 | CAULKINS INDIANTOWN GROVES | | 43 | 117 | |
| 43000117-1 | 108 | 01 | 10.00 | 02 | 1340 | 390 | | | 775 | Y | 688736 | 980951 | GW | 08 | FLOW 775 GPM |
| 43000117-2 | 108 | 01 | 10.00 | 02 | 1320 | 400 | | | 675 | Y | 699991 | 1000740 | GW | 08 | FLOW 675 GPM |
| 43000117-3 | 108 | 01 | 10.00 | 02 | 1280 | 400 | | | 840 | Y | 700016 | 996753 | GW | 08 | FLOW 840 GPM |
| 43000117-4 | 108 | 01 | 10.00 | 02 | 1250 | 400 | | | 800 | Y | 699945 | 991254 | GW | 08 | FLOW 800 GPM |
| 43000117-5 | 108 | 01 | 10.00 | 02 | 1250 | 400 | | | 800 | Y | 699994 | 986103 | GW | 09 | FLOW 800 GPM |
| 43000117-SW1 | 108 | 01 | | | | | | | 20000 | | 700000 | 984000 | SW | 5 | C-44, loc.estim. |
| 43000117-SW2 | 108 | 01 | | | | | | | 20000 | | 700000 | 984000 | SW | 5 | C-44, loc.estim. |
| 4300122 | 3099.97 | 03 | | | 43 | 9/88 | AG | BOTH | 10 | 4 | CAULKINS LAND (VENTURES 1 & 11) | | 43 | 122 | |
| 4300122-1-1 | 108 | 01 | 10.00 | 02 | 1340 | 390 | | | 850 | Y | 668300 | 970000 | GW | 08 | FLOW 850 GPM |
| 4300122-11-1 | 107 | 01 | 10.00 | 02 | 1340 | 400 | | | 1450 | Y | 657596 | 972662 | GW | 08 | FLOW 1450 GPM |
| 4300122-11-2 | 124 | 01 | 10.00 | 02 | 1320 | 400 | | | 800 | Y | 669160 | 966248 | GW | 08 | FLOW 800 GPM |
| 4300122-11-3 | 124 | 01 | 10.00 | 02 | 1340 | 400 | | | 850 | Y | 668073 | 962196 | GW | 08 | FLOW 850 GPM |
| 4300122-11-4 | 124 | 01 | 10.00 | 02 | 1250 | 400 | | | 1250 | Y | 668047 | 958226 | GW | 08 | FLOW 1250 GPM |
| 4300122-11-5 | 107 | 01 | 10.00 | 02 | 1250 | 400 | | | 1400 | Y | 664340 | 991159 | GW | 08 | FLOW 1400 GPM |
| 4300122-1-2 | 123 | 01 | 10.00 | 02 | 1340 | 400 | | | 975 | Y | 657398 | 969328 | GW | 08 | FLOW 975 GPM |
| 4300122-1-3 | 123 | 01 | 10.00 | 02 | 1320 | 400 | | | 1500 | Y | 657417 | 966666 | GW | 08 | FLOW 1500 GPM |
| 4300122-1-4 | 123 | 01 | 10.00 | 02 | 1320 | 400 | | | 1050 | Y | 657536 | 964115 | GW | 08 | FLOW 1050 GPM |
| 4300122-1-5 | 123 | 01 | 10.00 | 02 | 1320 | 400 | | | 1275 | Y | 657499 | 960191 | GW | 08 | FLOW 1275 GPM |
| 4300122-SW1 | 108 | 01 | | | | | | | 20000 | | 657699 | 960191 | SW | 5 | C-44, loc.estim. |
| 4300122-SW2 | 108 | 01 | | | | | | | 25000 | | 657699 | 960191 | SW | 5 | C-44, loc.estim. |
| 4300122-SW3 | 107 | 01 | | | | | | | 25000 | | 657699 | 960191 | SW | 5 | C-44, loc.estim. |
| 4300122-SW4 | 107 | 01 | | | | | | | 25000 | | 657699 | 960191 | SW | 5 | C-44, loc.estim. |
| 4300130 | 32.2 | 03 | | | 43 | 4/79 | LSC | GW | 1 | 0 | JOES POINT VENTURE | | 43 | 130 | |
| 4300130-2 | 97 | 01 | 0.00 | 02 | 1000 | 700 | | | 500 | | 760785 | 1057280 | GW | 08 | FLOW 500 GPM |
| 4300140 | 5.91 | 03 | | | 43 | 8/89 | GLF | BOTH | 4 | 4 | TURTLE CREEK CLUB | | 43 | 140 | |
| 4300140-1 | 127 | 01 | 0.00 | 02 | 1000 | | | | 300 | Y | 787161 | 961327 | GW | 08 | |
| 4300140-4 | 127 | 01 | 0.00 | 02 | 1000 | | | | 300 | Y | 785472 | 962099 | GW | 08 | |
| 4300140-5 | 126 | 01 | 2.00 | 02 | 500 | | | | 40 | Y | 784670 | 962388 | GW | 08 | |
| 4300140-6 | 126 | 01 | 2.00 | 02 | 500 | | | | 40 | Y | 784370 | 962284 | GW | 08 | |

| | | | | | | | |
|-------------|---------|----------|-------------------|--------|--|------------------------|---------------------------------|
| 4300140-SW1 | 01 | | 450 Y | 785200 | 963000 | SW 5 | ON-SITE LAKES, Loc. estim. |
| 4300140-SW2 | 01 | | 450 Y | 785000 | 963000 | SW 5 | ON-SITE LAKES, Loc. estim. |
| 4300140-SW3 | 01 | | 450 Y | 785700 | 963000 | SW 5 | ON-SITE LAKES, Loc. estim. |
| 4300140-SW4 | 01 | | 250 Y | 785800 | 963000 | SW 5 | ON-SITE LAKES, Loc. estim. |
| 4300159 | 49.21 | 03 | 43 11/87 AG GM | 1 | 0 SULLIVAN & MUFFMAN | 08 | FLows 720 GPM |
| 4300159-1 | 107 01 | 10.00 02 | 1496 400 | 720 | 654848 991689 GW | 08 | FLows 800 GPM |
| 4300172 | 73.59 | 03 | 43 4/87 AG GM | 1 | 0 T & T ENTERPRISES | 08 | FLows 800 GPM |
| 4300172-1 | 107 01 | 6.00 02 | 1210 393 | 800 | 647291 983206 GW | 08 | FLows 800 GPM |
| 4300190 | 47.34 | 03 | 43 5/89 AG BOTH | 11 | 1 NEIL E. MACILLIAN | 43 | 190 |
| 4300190-1 | 94 01 | 2.00 02 | 154 149 | 40 | 633465 1021516 GW | 02 | WINDMILL |
| 4300190-2 | 94 01 | 2.00 02 | 96 89 | 40 | 633975 1020722 GW | 02 | WINDMILL |
| 4300190-3 | 94 01 | 2.00 02 | 18 13 | 40 | 633625 1018770 GW | 02 | WINDMILL |
| 4300190-4 | 94 01 | 2.00 02 | 30 27 | 10 | 634465 1017960 GW | 02 | HAND PUMP |
| 4300190-5 | 94 01 | 2.00 02 | 30 25 | 10 | 634017 1015819 GW | 02 | HAND PUMP |
| 4300190-7 | 94 01 | 2.00 02 | 70 65 | 40 | 635099 1018576 GW | 02 | WINDMILL |
| 4300190-9 | 94 01 | 6.00 02 | 1200 400 | 300 | 633356 1019746 GW | 08 | FLows 300 GPM |
| 4300190-10 | 94 01 | 6.00 02 | 1100 400 | 250 | 634997 1022210 GW | 08 | FLows 250 GPM |
| 4300190-6 | 107 01 | 2.00 | 125 120 | 50 | 633793 1013707 GW | 02 | WINDMILL |
| 4300190-8 | 107 01 | 2.00 | 86 81 | 03 | 633425 1015170 GW | 02 | WINDMILL |
| 4300190-11 | 107 01 | 10.00 | 1170 400 | 500 | 634673 1013575 GW | 08 | FLows 500 GPM |
| 4300190-12 | 107 02 | 10.00 | 1150 450 | 500 | 634513 1011903 GW | 08 | FLow |
| 4300190-SW1 | 107 01 | | | 1000 | 634673 1013575 SW | 5 | DITCH, Loc. estim. |
| 4300190-SW2 | 107 02 | | | 1225 | 634513 1011903 SW | 5 | DITCH, Loc. estim. |
| 4300217 | 12 03 | 10.00 02 | 43 8/87 AG GM | 200 N | 661857 991652 GW | 08 | 217 |
| 4300217-1 | 107 03 | 1400 451 | | | 0 CAULKINS INDIANTOWN CITRUS(WASTEWATER) | 43 | 148 0.85 |
| 4300260 | 89.84 | 03 | 43 4/89 GULF BOTH | 1 | 3 INDIANWOOD ASSOC., INC. | 43 | 260 |
| 4300260-1 | 108 01 | 6.00 02 | 1300 400 | 500 Y | 671400 982900 GW | 08 | Installed 8/89. run 20 days/no. |
| 4300260-SW1 | 108 01 | | | 400 Y | 671600 982900 SW | 5 | ON-SITE LAKES, Loc. estim. |
| 4300260-SW2 | 108 01 | | | 400 Y | 671600 982900 SW | 5 | ON-SITE LAKES, Loc. estim. |
| 4300260-SW3 | 108 01 | | | 200 Y | 671600 982900 SW | 5 | ON-SITE LAKES, Loc. estim. |
| 4300321 | 50.46 | 03 | 43 11/87 AG SW | 0 | 2 KARST, INC. | 43 | 321 |
| 4300321-SW1 | 108 02 | | | 286 | SW 5 | TROUP-INDIANTOWN CANAL | |
| 4300321-SW2 | 108 02 | | | 286 | SW 5 | TROUP-INDIANTOWN CANAL | |
| 4300329 | 35.51 | 03 | 43 2/89 GLF GM | 1 | 0 RADNOR PLANTATION | 43 | 329 |
| 4300329-PW3 | 97 01 | 8.00 02 | 1025 590 | 620 Y | 765343 1047272 GW | 08 | CAP. EST. |
| 4300329-PW4 | 97 01 | 8.00 02 | 1025 315 | 420 Y | 765520 1046670 GW | 08 | 6" PVC LINER 0'-685' |
| 4300360 | 1487.49 | 03 | 43 4/87 AG BOTH | 4 | 2 INDIAN RIVER CITRUS INV. | 43 | 360 |
| 4300360-WA | 109 01 | 10.00 02 | 1250 593 | 1020 Y | 708054 1000956 GW | 08 | FLows 1020 GPM |
| 4300360-W5 | 109 01 | 10.00 02 | 1150 380 | 980 Y | 708075 997055 GW | 08 | FLows 980 GPM |
| 4300360-W1 | 109 01 | 10.00 02 | 1100 420 | 950 Y | 708114 990408 GW | 08 | FLows 950 GPM |
| 4300360-W2 | 109 03 | 10.00 02 | 1200 400 | 1000 Y | 708152 994456 GW | 08 | EST. FLOW 1000 GPM |
| 4300360-SW1 | 109 01 | 10.00 | | 20000 | 708054 1000956 SW | 5 | C-44, Loc. estim. |
| 4300360-SW2 | 109 01 | 36.00 | | 25000 | 708152 994456 SW | 5 | C-44, Loc. estim. |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | MAX. UNT. NO. | UTS. CO ISS. | DATE USE SRC. NO. | SM | CROPSOIL | RAIN | IRR | | |
|---|-----|---------------|--------------|-------------------|----|---------------|---------|---------|----------|-----|
| PERMIT NO. | AN. | MAX. UNT. NO. | UTS. CO ISS. | DATE USE SRC. NO. | SM | CO PERMIT NO. | DEV NO. | AQ TYPE | ST ACRES | EFF |
| LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit) | | | | | | | | | | |
| PERMIT NO. FACILITY NUMBER QUAD NO. WELL DIA. DPTH PUMP PUMP CODE ID CD INT TYPE CAP. MTR? XPLNR SRC AQ. COMMENTS | | | | | | | | | | |
| | | | | | | | | | | |

| | | | | | | | | | | |
|---|-----------|-----|----|------|--------------|-----|----------------------------------|------|------------------|---|
| 4300362 | 4300362-1 | 50 | 03 | 43 | 12/66 IND GW | 2 | O CAULKINS INDIANTONI CITRUS CO. | 43 | 362 | 08 13 0.8 24 86 0.85 |
| | 4300362-2 | 107 | 01 | 8.00 | 02 175 | 129 | 90 02 | 60 Y | 659016 986105 GW | 02 WATER REUSED ON ADJ GROVE (43-00217) |
| | 4300362-3 | 107 | 01 | 8.00 | 02 175 | 129 | 90 02 | 60 Y | 659142 985920 GW | 02 |
| 4300485 88.31 97.01 8.00 02 1010 590 01 43 2/89 LAN GW 2 O RADNOR/PLANT (INDIAN RIV. PLANT.) 43 485 08 15 0.4 4 70 0.75 | | | | | | | | | | |
| 4300485-IR-1 97.01 8.00 02 1025 590 01 420 Y 766436 1047258 GW 08 CAP. EST. 4300485-IR-4 97.01 8.00 02 1025 590 01 420 Y 765565 1046494 GW 08 CAP. EST. | | | | | | | | | | |
| 4300501 15.27 03 43 5/89 AG GW 1 0 FENNEL 43 ACRE GROVE 43 501 08 13 0.8 24 33 0.85 | | | | | | | | | | |
| 4300501-1 107.02 6.00 02 1000 400 310 652093 992717 GW 08 EST. FLOW 310 GPM | | | | | | | | | | |
| 4300503 11.29 03 43 5/89 AG GW 1 0 FENNEL 35 ACRE GROVE 43 503 08 13 0.8 24 35 0.85 | | | | | | | | | | |
| 4300503-1 107.02 6.00 02 1000 400 230 655658 997137 GW 08 EST. FLOW 310 GPM | | | | | | | | | | |

**Okeechobee County
Water Use Spreadsheets**

Okeechobee County

Okeechobee County Water Use Spreadsheets

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL UNIT NO. | MAX MO. UTS CO | DATE USE SRC. NO. ISS. TYPE | SW ULS. PWS | OWNER | CROP SOIL CO PERMIT NO. DEV NO. | RAIN AQ TYPE | IRR ST | ACRES | EFF |
|------------|-----|--------------|----------------|-----------------------------|-------------|-------|---------------------------------|--------------|--------|-------|-----|
|------------|-----|--------------|----------------|-----------------------------|-------------|-------|---------------------------------|--------------|--------|-------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QJAD. NO. STDIA. | WELL DPTH | PUMP CAP. TD | PUMP INT TYPE | PUMP CAP. MTR? | XPLNR SRC | AQ | COMMENTS |
|------------|-----------------|------------------|-----------|--------------|---------------|----------------|-----------|----|----------|
|------------|-----------------|------------------|-----------|--------------|---------------|----------------|-----------|----|----------|

Only FAS Wells Included here.

| | | | | | | | | | | | | | | | |
|------------|---------|----------|-----------|------------|-------|--------------------|------------------------------|---------------------|-----------------------------------|-----|----------------------|-----|----|------|------|
| 4700005 | 482-08 | 03 | 83-17 02 | 47 3/76 AG | GW | 4 | 0 N CROSS RANCH, INC. | | | .08 | .20 | .8 | 12 | 450 | .5 |
| 4700005-1 | | 80 03 | 8 02 | 1200 | 160 | 02 | 600 | NO | 568857- 1105192 GW | 8 | NO NATURAL FLOW HERE | | | | |
| 4700005-2 | | 80 03 | 8 02 | 1200 | 160 | 02 | 600 | NO | 570037- 1102517 GW | 8 | | | | | |
| 4700005-3 | | 80 03 | 8 02 | 1200 | 160 | 02 | 600 | NO | 571711- 1100389 GW | 8 | | | | | |
| 4700005-4 | | 80 03 | 8 02 | 1200 | 160 | 02 | 600 | NO | 570010- 1098431 GW | 8 | | | | | |
| 4700014 | 1780 | 06 | 13-5 02 | 47 9/76 AG | GW | 1 N | MURPHY WHITE DAI | | | .08 | .20 | .8 | 12 | 679 | .5 |
| 4700014-1 | 92 01 | 8 02 | 1000 | GW | 312 N | 574724- 1054479 GW | 08 | | | | | | | | |
| 4700022 | 278.1 | 03 | 102-74 02 | 47 12/76AG | BOTH | 1 | 2 M.J.RANCH | 47 | | .08 | .13 | 1.5 | 11 | 357 | 0.50 |
| 4700022-1 | 59 01 | 10-00 02 | 1000 | 260 | | 050 N | 581339- 1154522 GW | | B 2 CULVERTS ALSO, cap. estia. | | | | | | |
| 4700023 | 1668.45 | 03 | 257-1 02 | 47 12/76AG | GW | 9 | CHARLES T. SCOTT RANCH, INC. | | | .08 | .20 | .8 | 12 | 616 | .5 |
| 4700023 | | 227.9 | | | SW | 4 | | | | .08 | .13 | .8 | 12 | 2192 | .85 |
| 4700023-1 | 59 01 | 8 02 | 1000 | 60 | | | 580 N | 588522- 1155926 GW | 8 TOP LINE BROKEN INTO TWO LINES | | | | | | |
| 4700023-2 | 59 01 | 8 02 | 1000 | 60 | | | 580 N | 588479- 1154341 GW | 8 TWO CROP TYPES, 2 SOURCES WATER | | | | | | |
| 4700023-3 | 59 01 | 8 02 | 1000 | 60 | | | 580 N | 590751- 1153974 GW | 8 WITH 2 MONTHLY ALLOCATIONS | | | | | | |
| 4700023-4 | 59 01 | 8 02 | 1000 | 60 | | | 580 N | 590846- 1152178 GW | 8 | | | | | | |
| 4700023-5 | 70 01 | 8 02 | 1000 | 60 | | | 580 N | 590836- 1149273 GW | 8 | | | | | | |
| 4700023-6 | 70 01 | 8 02 | 1000 | 60 | | | 580 N | 589955- 1147016 GW | 8 | | | | | | |
| 4700023-7 | 70 01 | 8 02 | 1000 | 60 | | | 580 N | 592440- 1139925 GW | 8 | | | | | | |
| 4700023-8 | 70 01 | 8 02 | 1000 | 60 | | | 580 N | 592452- 1135743 GW | 8 | | | | | | |
| 4700023-9 | 70 01 | 8 02 | 1000 | 60 | | | 580 N | 593213- 1134288 GW | 8 | | | | | | |
| 4700023-10 | 70 01 | 8 02 | 1000 | 60 | | | 600 N | 585747- 1147695 GW | 8 | | | | | | |
| 4700023-11 | 70 02 | 8 02 | 1000 | | | | 600 N | 586618- 1146759 GW | 8 | | | | | | |
| 4700036 | 171.23 | 03 | 24-67 02 | 47 4/77 AG | GW | 1 | 0 G BAR E RANCH | | | .08 | .15 | 0.8 | 12 | | |
| 4700036-1 | 80 01 | 6.00 02 | 1000 | 200 | | | 600 N | | B EXPIRES 1993 | | | | | | |
| 4700039 | 241.04 | 03 | 41-58 02 | 47 1/77 AG | GW | 4 | 0 ENRICO DAIRY, INC. | | | .08 | .20 | 0.8 | 12 | 225 | 0.50 |
| 4700039-1 | 93 01 | 0.00 02 | 1300 | 700 | | | 514 N | 598959- 1044633 GW | 08 | | | | | | |
| 4700039-2 | 93 01 | 0.00 02 | 1300 | 700 | | | 514 N | 598564- 1039886 GW | 08 | | | | | | |
| 4700039-3 | 93 01 | 8.00 02 | 1300 | 700 | | | 514 N | 5898665- 1040455 GW | 08 | | | | | | |
| 4700039-8 | 93 01 | 6.00 02 | 150 | 100 | | | 100 N | 595989- 1035573 GW | 02 | | | | | | |

| | | | | | | | | |
|--------------|--------|-------|--------|------|---------------|-------|--|---------------------------------------|
| 4700044 | 642.77 | 03 | 110.89 | 02 | 47 7/77 AG | GW | 1 | O COOK INTERNATIONAL, INC. |
| 4700044-1 | 69.01 | 12.00 | 02 | 1230 | 600 | 02 | 3000 N | 568487. 1113221 GW 08 (RENNILU RANCH) |
| 4700047 | 7850 | 04 | 33.70 | 02 | 47 1/78 AG | GW | 12 | O CHARLES MCARTHUR CALF ENTERPRISES |
| 4700047-1 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 596093. 109927 GW 08 USE WASHING WATERING CATTLE | |
| 4700047-2 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 592901. 1091092 GW 08 | |
| 4700047-3 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 591134. 1099198 GW 08 | |
| 4700047-4 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587551. 1090676 GW 08 | |
| 4700047-5 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587500. 1089180 GW 08 | |
| 4700047-6 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587596. 1087204 GW 08 | |
| 4700047-7 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587376. 1084545 GW 08 | |
| 4700047-8 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587412. 1083192 GW 08 | |
| 4700047-9 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 588120. 1083046 GW 08 | |
| 4700047-10 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587461. 1079438 GW 08 | |
| 4700047-11 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587146. 1076138 GW 08 | |
| 4700047-12 | 81.01 | 2.00 | 02 | 800 | 02 | 65 N | 587131. 1076738 GW 08 | |
| 4700051 | 2357.3 | 03 | 445.6 | 02 | 47 7/78 AG | GW | 79 | O EVANS PROPERTIES, INC. |
| 4700051-1 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 599777. 1118175 GW 08 OLD WELLS EVANS CLAIMS | |
| 4700051-2 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 601646. 1168793 GW 08 THEY DON'T USE. WERE INSTALLED | |
| 4700051-3 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 593619. 1169426 GW 08 BY PREVIOUS OWNERS | |
| 4700051-4 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 591241. 1168179 GW 08 TD'S APPROX. GUESSES AT BEST | |
| 4700051-5 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 591745. 1163714 GW 08 | |
| 4700051-6 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 591751. 1160454 GW 08 | |
| 4700051-7 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 588270. 1159046 GW 08 | |
| 4700051-8 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 602349. 1164343 GW 08 | |
| 4700051-9 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 603172. 1160703 GW 08 | |
| 4700051-10 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 602504. 1159773 GW 08 | |
| 4700051-11 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 598592. 1166837 GW 08 | |
| 4700051-12 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 594655. 1159964 GW 08 | |
| 4700051-13 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 597147. 1160120 GW 08 | |
| 4700051-14 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 593443. 1166959 GW 08 | |
| 4700051-15 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 592446. 1165405 GW 08 | |
| 4700051-16 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 595993. 1164528 GW 08 | |
| 4700051-17 | 59.01 | 8.00 | 02 | 1000 | 02 | 575 | 597154. 1166799 GW 08 | |
| 4700051-18FW | 59.01 | 8.00 | 02 | 1021 | 210 | 575 Y | 590278. 1169585 GW 08 FROM HERE DOWN TO PROPOSED WELLS | |
| 4700051-23FW | 59.01 | 8.00 | 02 | 1000 | 227 | 575 Y | 590379. 1166705 GW 08 ARE EXISTING WELLS | |
| 4700051-31FW | 59.01 | 8.00 | 02 | 1060 | 257 | 575 Y | 590356. 1161687 GW 08 DRILLED BY EVANS IN EARLY '80'S | |
| 4700051-35FW | 59.01 | 8.00 | 02 | 1080 | 265 | 575 Y | 590397. 1159104 GW 08 ARE BEING USED CURRENTLY | |
| 4700051-17W | 59.01 | 8.00 | 02 | 1020 | 252 | 575 Y | 597154. 1166970 GW 08 PROB. PUMPED | |
| 4700051-19W | 59.01 | 8.00 | 02 | 1000 | 218 | 575 Y | 595734. 1169979 GW 08 | |
| 4700051-23W | 59.01 | 8.00 | 02 | 200 | 200 | 575 Y | 596161. 1167317 GW 08 | |
| 4700051-27W | 59.01 | 8.00 | 02 | 116 | 1161360 GW 08 | 575 Y | 595677. 1161360 GW 08 | |
| 4700051-31W | 59.01 | 8.00 | 02 | 1020 | 252 | 575 Y | 595619. 1158754 GW 08 | |
| 4700051-35W | 59.01 | 8.00 | 02 | 1000 | 218 | 575 Y | 601175. 1169562 GW 08 | |
| 4700051-19BW | 59.01 | 8.00 | 02 | 1000 | 250 | 575 Y | 601085. 1166576 GW 08 | |
| 4700051-23BW | 59.01 | 8.00 | 02 | 1000 | 250 | 575 Y | 600952. 1164096 GW 08 | |
| 4700051-27BW | 59.01 | 8.00 | 02 | 1000 | 250 | 575 Y | 600978. 1161338 GW 08 | |
| 4700051-31BW | 59.01 | 8.00 | 02 | 1000 | 250 | 575 Y | 600907. 1158697 GW 08 | |
| 4700051-35BW | 59.01 | 8.00 | 02 | 1000 | 250 | 575 Y | 590233. 1170796 GW 08 HERE DOWN PROPOSED WELLS | |
| 4700051-16FW | 59.02 | 8.00 | 02 | 1000 | 250 | 575 Y | 590237. 1169237 GW 08 HAVE APPROX. T.D.'S AND C.D.'S | |
| 4700051-19FW | 59.02 | 8.00 | 02 | 1000 | 250 | 575 Y | 590259. 1169237 GW 08 | |

| LOCATIONS/TENTATIVE PROPOSED AS OF LAST REVIEW DATE FEB./88. | | | | | | | | | | | |
|--|---------|-------|-------|------|-----------------|---------|---------|-------------------------------------|---------------------------|----|--|
| 4700051-21EW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 590205. | 1167905 | GW | 08 | LOCATIONS/TENTATIVE PROPOSED AS OF LAST REVIEW DATE FEB./88. |
| 4700051-25EW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 590335. | 1165426 | GW | 08 | " |
| 4700051-29EW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 590355. | 1162728 | GW | 08 | " |
| 4700051-33EW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 590426. | 1160157 | GW | 08 | " |
| 4700051-38EW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 590445. | 1156903 | GW | 08 | " |
| 4700051-16DW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 595761. | 1171318 | GW | 08 | " |
| 4700051-21DW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 595848. | 1167930 | GW | 08 | " |
| 4700051-25DW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 595776. | 1165692 | GW | 08 | " |
| 4700051-29DW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 595870. | 1162849 | GW | 08 | " |
| 4700051-33DW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 595676. | 1160018 | GW | 08 | " |
| 4700051-38DW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 595639. | 1156739 | GW | 08 | " |
| 4700051-42DW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 601054. | 1170745 | GW | 08 | " |
| 4700051-16BW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 501184. | 1167945 | GW | 08 | " |
| 4700051-21BW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 600999. | 1165418 | GW | 08 | " |
| 4700051-25BW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 500941. | 1162776 | GW | 08 | " |
| 4700051-29BW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 601049. | 1160406 | GW | 08 | " |
| 4700051-33BW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 601062. | 1156328 | GW | 08 | " |
| 4700051-38BW | 59 02 | 6.00 | 02 | 1000 | 250 | 575 Y | 601062. | 1156328 | GW | 08 | " |
| 4700055 | 654 | 02 | 6.00 | 02 | 47 2/77 AG BOTH | 2 | 2 | 2 | FORT DIXON C-15 GROVES | | |
| 4700055-1 | 59 02 | 6.00 | 02 | 900 | 500 N | 500 N | 500 N | 500 N | NO TABLE A | | |
| 4700055-2 | 59 02 | 6.00 | 02 | 1000 | 800 N | 800 N | 581412. | 1157735 | GW | 08 | PERMIT EXPIRED |
| 4700055-1 | 59 02 | 6.00 | 02 | 1000 | 2MAY 5000 N | 581612. | 1157735 | SW | 5 NO PUMP DATA, loc.est. | | |
| 4700055-2 | 59 02 | 6.00 | 02 | 1000 | 2MAY 5000 N | 581612. | 1157735 | SW | 5 REC.BODY C-25, loc.est. | | |
| 4700059 | 37.0 | 03 | 0.16 | 01 | 47 2/79 PWS GW | 2 | 0 | STATE OF FLORIDA, ECKERD FOUNDATION | | | |
| 4700059-15-60 | 80 01 | 12.00 | 02 | 750 | 30 02 | 200 N | 558917. | 107923 | GW | 08 | SMALL POTATOES |
| 4700059-15-65 | 80 01 | 12.00 | 02 | 500 | 100 30 02 | 90 N | 559294. | 1079903 | GW | 08 | " |
| 4700060 | 525.6 | 03 | 43.20 | 02 | 47 2/79 AG GW | 1 | 0 | J.S. POWELL JR. R.O.POWELL | | | |
| 4700060-1 | 57 01 | 12.00 | 02 | 1000 | ? | 1000 N | GW | 08 | NO PUMP INFO AVAIL. | | |
| 4700068 | 3578.68 | 03 | 443 | 02 | 47 2/82 AG BOTH | 13 | 13 | WILLIAMSON CATTLE CO. | | | |
| 4700068 | | | | | | | | | | 08 | |
| 4700068-1 | 80 01 | 6.00 | 02 | 600 | 450 | 200 N | 561484. | 1047821 | GW | 08 | PUMPS ON ONLY 2 WELLS |
| 4700068-12 | 80 01 | 6.00 | 02 | 1200 | 500 | 100 N | 562780. | 1046285 | GW | 08 | " |
| 4700068-13 | 80 01 | 6.00 | 02 | 990 | 500 | 300 N | 562796. | 1033623 | GW | 08 | FORMERLY 1200', BACKFILLED TO 990' |
| 4700068-2 | 80 01 | 6.00 | 02 | 1078 | 500 | 300 N | 567468. | 1030330 | GW | 08 | " |
| 4700068-3 | 80 01 | 6.00 | 02 | 998 | 440 | 150 N | 569890. | 1033044 | GW | 08 | " |
| 4700068-4 | 80 01 | 8.00 | 02 | 1100 | 500 | 500 N | 570969. | 10817272 | GW | 08 | MANY WELLS WERE BACKFILLED |
| 4700068-5 | 80 01 | 8.00 | 02 | 1100 | 500 | 500 N | 569105. | 1079123 | GW | 08 | TO IMPROVE WATER QUALITY |
| 4700068-14 | 80 01 | 6.00 | 02 | 940 | 440 | 450 N | 570982. | 1079990 | GW | 08 | " |
| 4700068-15 | 80 01 | 8.00 | 02 | 990 | 500 | 450 N | 572869. | 1078283 | GW | 08 | FORMERLY 1250' BACKFILLED |
| 4700068-16 | 80 01 | 8.00 | 02 | 990 | 500 | 500 N | 571974. | 1076592 | GW | 08 | FORMERLY 1100' " |
| 4700068-17 | 80 01 | 8.00 | 02 | 990 | 500 | 500 N | 572331. | 1075239 | GW | 08 | FORMERLY 1281' " |
| 4700068-18 | 80 01 | 8.00 | 02 | 990 | 500 | 450 N | 570051. | 1077560 | GW | 08 | FORMERLY 1100' " |
| 4700068-20 | 80 01 | 8.00 | 02 | 905 | 554 120 02 | 800 N | 571002. | 1076994 | GW | 08 | " |
| 4700068-22 | 80 01 | 10.00 | 02 | 990 | 548 120 02 | 1200 N | 570206. | 1081989 | GW | 08 | THIS WELL COMPLETED 2/88. |
| 4700081 | 582.19 | 03 | 83.86 | 02 | 47 6/83 AG BOTH | 2 | 2 | PURSELY, INC. | | | |
| 4700081-11 | 80 02 | 10.00 | 02 | 800 | 400 -36 01 | 750 N | 573548. | 1097408 | GW | 08 | WELLS PROPOSED |
| 4700081-42 | 80 02 | 10.00 | 02 | 800 | 400 -38 01 | 750 N | 579163. | 1094368 | GW | 08 | " |

| | | | | | | | | | | |
|-------------|--------|----|--------|----|------------|-----------|----------------------|--------------------------------|------------------------|--|
| 4700081-P1 | 80 | 02 | 02 | | SUB 01 | 750 N | 579889. | 1097140 | SU | 5 PUMPING FROM S ON SITE PONDS |
| 4700081-P2 | 80 | 02 | 02 | | SUB 01 | 750 N | 578452. | 1094209 | SU | 5 |
| 4700179 | 96.5 | 03 | 02 | 47 | 7/88 AG GW | 3 | O LARSON DAIRY, INC. | LIVESTOCK SUPPLY | BOTH | 12 |
| 4700179-1 | 69 | 01 | 6.00 | 02 | 1000 | 420 | 110 | 02 | 200 N | 570389. 1129955 GM |
| 4700179-2 | 69 | 01 | 4.00 | 02 | 112 | 72 | 84 | 02 | 35 N | 571448. 1130831 GM |
| 4700179-3 | 69 | 02 | 6.00 | 02 | 112 | 60 | 100 | 02 | 200 N | 570497. 1129642 GM |
| 4700256 | 275.97 | 03 | 101.57 | 02 | 47 | 9/69 AG | BOTH | 5 | 6 CRACKER TRAIL GROVES | BOTH |
| 4700256-1 | 59 | 02 | 10.00 | 02 | 100 | 50 | 02 | 300 N | 606577. 1155836 GM | 02 THE WHOLE PROJECT IS PROPOSED |
| 4700256-2 | 59 | 02 | 10.00 | 02 | 100 | 50 | 02 | 300 N | 606667. 1154831 GM | 02 PERMIT REVIEWED 10/12/89. |
| 4700256-3 | 59 | 02 | 10.00 | 02 | 100 | 50 | 02 | 300 N | 606794. 1153451 GM | 02 |
| 4700256-4 | 59 | 02 | 10.00 | 02 | 100 | 50 | 02 | 300 N | 606914. 1152174 GM | 02 THERE'S 1 FLORIDAN, 2 SURFICIAL, 6 SURF.PUMPS |
| 4700256-5 | 59 | 02 | 12.00 | 02 | 1000 | 500 | | 1200 N | 603459. 1155039 GM | 08 HERE |
| 4700256-P1 | 59 | 02 | 02 | | | | | 1000 | 606775. 1155539 GM | 5 capacities purely a guess |
| 4700256-P2 | 59 | 02 | 02 | | | | | 1000 | 606853. 1154629 GM | 5 HHH |
| 4700256-P3 | 59 | 02 | 02 | | | | | 1000 | 606945. 1153184 GM | 5 HHH |
| 4700256-P4 | 59 | 02 | 02 | | | | | 1000 | 607069. 1151814 GM | 5 HHH |
| 4700256-P11 | 59 | 02 | 02 | | | | | 1000 | 603815. 1156010 GM | 5 HHH |
| 4700256-P12 | 59 | 02 | 02 | | | | | 1000 | 603838. 115252 GM | 5 HHH |
| 4700261 | 44.16 | 03 | 16.25 | 02 | 47 | 450 AG GW | 2 | O ROBERT M. & FLORENCE T. LINZ | 08 | .85 |
| 4700261-1 | 69 | 02 | 10 | 02 | 1000 | 450 | 140 | 02 | 1050 N | 549985. 1112183 GM |
| 4700261-2 | 69 | 02 | 10 | 02 | 1000 | 450 | 140 | 02 | 1050 N | 550745. 1112216 GM |

**Indian River County
Water Use Spreadsheets**

Indian River County

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL MAX UNIT NO. | NO. UTS. CO | DATE USE SRC.NO. ISS. CO | SW | PUMP TYPE | DPH CODE ID | CD INT TYPE CAP. | MTR? | CROP ROW | SOIL COLUMN | RAIN CO ROW | PERMIT NO. | DEV NO. | AQ TYPE ST | IRR TYPE | ACRES ST | IRR EFF |
|------------|------------------|-------------|--------------------------|----|-----------|-------------|------------------|------|----------|-------------|-------------|------------|---------|------------|----------|----------|---------|
|------------|------------------|-------------|--------------------------|----|-----------|-------------|------------------|------|----------|-------------|-------------|------------|---------|------------|----------|----------|---------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL STDIA. | PUMP PUMP | PUMP TYPE | CD CAP. | MTR? | COLUMN | SRC Aq. | ROW | COMMENTS | 'S / T / R |
|------------|-----------------|-----------|-------------|-----------|-----------|---------|------|--------|---------|-----|----------|------------|
|------------|-----------------|-----------|-------------|-----------|-----------|---------|------|--------|---------|-----|----------|------------|

Appendix Q

Indian River Water Use Spreadsheets

| | | | | | | | | | | | | | | | | | | | | | | |
|---------|-----------|-------|-------|------------|------------|------------|----------------|----------------------|-------------------------|---|---------------------------|----|--|--|----------|----------|------------------------------|-----|-----|---------|----------|-----------|
| 6100004 | 6100004-1 | 93.0 | 03 | 10.00 | 02 | 1100 | 03 | 61 5/77 AG | GW | 1 | 0 FRED W. TURK TRUST | | | | | 11/33/37 | 08 | 13 | 0.8 | 31 | 320 0.50 | |
| 6100006 | 6100006-1 | 39.6 | 03 | 8.00 | 02 | 61 5/77 AG | GW | 1 | WILLIAM ATKINS | | | | | | 12/33/37 | 08 | 13 | 0.8 | 31 | 93 0.50 | | |
| 6100007 | 6100007-1 | 312.0 | 03 | 10.00 | 02 | 1000 | 03 | 61 6/81 AG | GW | 3 | ADAMS RANCH INC. | | | | | | 7-13,17-20,24,28-30/33/34,35 | 08 | 20 | 0.4 | 31 | 1200 0.50 |
| | 6100007-2 | 01 | 10.00 | 02 | 1000 | | | 750 | | 4 | 4 GW | 08 | | | | | 7-13,17-20,24,28-30/33/34,35 | 08 | 20 | 0.4 | 31 | 1200 0.50 |
| | 6100007-3 | 01 | 10.00 | 02 | 1000 | | | 750 | | 5 | 2 GW | 08 | | | | | 7-13,17-20,24,28-30/33/34,35 | 08 | 20 | 0.4 | 31 | 1200 0.50 |
| 6100008 | 6100008-1 | 5.1 | 03 | 4.00 | 02 | 700 | 03 | 61 5/77 AG | GW | 2 | WILLIAM E. HARRIS | | | | | | 16/33/39 | 08 | 13 | 0.8 | 31 | 20 0.50 |
| | 6100008-2 | 61 01 | 4.00 | 02 | 160 | | | 160 | | 5 | 26 GW | 08 | | | | | 16/33/39 | 08 | 13 | 0.8 | 31 | 20 0.50 |
| 6100009 | 6100009-1 | 11.8 | 03 | 6.00 | 02 | 61 5/77 AG | GW | 1 | JACKSON BROTHERS GROVES | | | | | | 16/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 | | |
| | 6100009-2 | 61 01 | 5.00 | 02 | 250 | | | 250 | | 5 | 26 GW | 08 | | | | | 16/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 |
| | 6100009-3 | 61 01 | 5.00 | 02 | 250 | | | 250 | | 6 | 30 GW | 08 | | | | | 16/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 |
| 6100011 | 6100011-1 | 13.3 | 03 | 61 5/77 AG | GW | 3 | RUTH HALLSTROM | | | | | | | | | | 30,31/33/40 | 08 | 13 | 0.4 | 31 | 55 0.75 |
| | 6100011-2 | 61 01 | 5.00 | 02 | 250 | | | 250 | | 7 | 30 GW | 08 | | | | | 30,31/33/40 | 08 | 13 | 0.4 | 31 | 55 0.75 |
| | 6100011-3 | 61 01 | 5.00 | 02 | 250 | | | 250 | | 8 | 30 GW | 08 | | | | | 30,31/33/40 | 08 | 13 | 0.4 | 31 | 55 0.75 |
| 6100021 | 6100021-1 | 0 | 12.00 | 03 | 61 2/88 AG | | 1 | SIDNEY W. RANACK JR. | | | | | | | | | | 08 | 13 | 0.8 | 31 | 77 0.85 |
| 6100024 | 6100024-1 | 11.9 | 03 | 10.00 | 02 | 1000 | 03 | 61 5/77 AG | GW | 1 | J. L. MULLIS | | | | | | 30/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 |
| 6100025 | 6100025-1 | 11.9 | 03 | 6.00 | 02 | 900 | 03 | 61 5/77 AG | GW | 5 | PERCY W. OR RUBY THORNTON | | | | | | 22/33/39 | 08 | 13 | 0.8 | 31 | 38 0.50 |

| | | | | | | | | | | | | | |
|-----------|------------|-----------|------------|-----------|---------|---------|---------|----------------------|---------------|----------------------|-------------------------|----------------------|-----------------------|
| 6100025-2 | 6100025-3 | 6100025-4 | 6100025-5 | 01 | 6.00 | 02 | 900 | 200 | 6 | 27 | GW | 08 | 22/33/39 |
| | | | | 01 | 6.00 | 02 | 900 | 250 | 6 | 27 | GW | 08 | 22/33/39 |
| | | | | 01 | 6.00 | 02 | --- | 125 | 6 | 27 | GW | 08 | 22/33/39 |
| | | | | 01 | 6.00 | 02 | --- | 125 | 6 | 27 | GW | 08 | 22/33/39 |
| 6100029 | 6100029-1 | 6100029-2 | 6100029-3 | 6100029-4 | 11.2 | 03 | 61 6/77 | AG GW | 4 | C. E. DUNCAN | | | 08 13 0.4 31 30 0.50 |
| | | | | 01 | 4.00 | 02 | 700 | 100 | 3 | 26 | GW | 08 | 04/33/39 |
| | | | | 01 | 4.00 | 02 | 700 | 100 | 3 | 26 | GW | 08 | 04/33/39 |
| | | | | 01 | 4.00 | 02 | 700 | 75 | 3 | 26 | GW | 08 | 04/33/39 |
| | | | | 01 | 4.00 | 02 | 700 | 45 | 3 | 26 | GW | 08 | 04/33/39 |
| 6100032 | 6100032-1 | 6100032-2 | 6100033-1 | 6100033-2 | 12.2 | 03 | 61 6/77 | AG GW | 2 | EDSALL GROVE SERVICE | | | 08 13 0.4 31 40 0.50 |
| | | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 100 | 3 | 29 | GW | 08 |
| | | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 100 | 8 | 2 | GW | 08 |
| | | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 100 | 8 | 2 | GW | 08 |
| 6100033 | 6100033-1 | 6100033-2 | 6100034-1 | 6100034-P | 6.1 | 03 | 61 6/77 | AG GW | 2 | EDSALL GROVE SERVICE | | | 08 13 0.8 31 20 0.50 |
| | | | | 01 | 4.00 | 02 | 61 6/77 | AG GW | 960 | 3 | 19 | GW | 08 |
| | | | | 01 | 4.00 | 02 | 61 6/77 | AG GW | 10000 | 3 | 19 | SW | 99 |
| 6100034 | 6100034-1 | 6100034-P | 6100034-P1 | 61 01 | 23.6 | 03 | 61 6/77 | AG SW | 1 | EDSALL GROVE SERVICE | | | 08 13 0.8 31 80 0.50 |
| | | | | 60 01 | 10.00 | 02 | 61 6/77 | AG SW | 960 | 3 | 19 | GW | 08 |
| | | | | 60 01 | 10.00 | 02 | 61 6/77 | AG SW | 10000 | 3 | 19 | SW | 99 |
| 6100038 | 6100038-1 | 6100039 | 6100039-P1 | 61 01 | 23.6 | 03 | 61 6/77 | AG SW | 1 | EDSALL GROVE SERVICE | | | 08 13 0.8 31 80 0.50 |
| | | | | 60 01 | 61 6/77 | AG SW | 1 | EDSALL GROVE SERVICE | SW 99 | | | | 22/33/38 |
| | | | | 60 01 | 61 6/77 | AG SW | 1 | EDSALL GROVE SERVICE | SW 99 | | | | 99 13 40 0.50 |
| 213 | 6100040 | 6100040-1 | 6100040-P1 | 61 01 | 10.3 | 03 | 61 6/77 | AG SW | 1 | EDSALL GROVE SERVICE | | | 99 13 35 0.50 |
| | | | | 60 01 | 61 6/77 | AG SW | 1 | EDSALL GROVE SERVICE | SW 99 | | | | 27/33/38 |
| 6100041 | 6100041-1 | 6100041-2 | 6100041-3 | 61 01 | 6.2 | 03 | 61 6/77 | AG GW | 3 | EDSALL GROVE SERVICE | | | 08 13 0.8 31 20 0.50 |
| | | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 100 | 7 | 26 | GW | 08 CAP EST. |
| | | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 100 | 7 | 26 | GW | 08 CAP EST. |
| | | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 100 | 7 | 26 | GW | 08 CAP EST. |
| 6100042 | 6100042-1 | 6100042-2 | 61 01 | 15.3 | 03 | 61 6/77 | AG GW | 2 | 1 R.S. EDSALL | | | 08 13 0.8 31 50 0.50 | |
| | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 300 | 4 | 26 | GW | 08 | |
| | | | 61 01 | 4.00 | 02 | 61 6/77 | AG GW | 300 | 4 | 26 | GW | 08 | |
| 6100043 | 6100043-1 | 6100043-2 | 6100043-3 | 6100043-4 | 24.6 | 03 | 61 6/77 | AG GW | 4 | R.S. EDSALL | | | 08 13 0.8 31 80 0.50 |
| | | | | 61 01 | 8.00 | 02 | 61 6/77 | AG GW | 575 | 6 | 26 | GW | 08 CAP EST. |
| | | | | 61 01 | 8.00 | 02 | 61 6/77 | AG GW | 575 | 6 | 26 | GW | 08 " |
| | | | | 61 01 | 8.00 | 02 | 61 6/77 | AG GW | 575 | 6 | 26 | GW | 08 " |
| | | | | 61 01 | 8.00 | 02 | 61 6/77 | AG GW | 575 | 6 | 26 | GW | 08 " |
| 6100044 | 6100044-P1 | 61 01 | 10.8 | 03 | 02 | 61 6/77 | AG SW | 1 | 1 R.S. EDSALL | | | 02 13 0.8 31 35 0.50 | |
| | | | | 01 | 4.00 | 02 | 1000 | 159 | 5 | 22 | SW | 99 | 14/33/38 |
| 6100045 | 6100045-1 | 61 01 | 245.9 | 03 | 61 01 | 4.00 | 02 | 1000 | 159 | 5 | G. W. GATOR/DEAN C. ROW | | 02 20 0.8 31 305 0.50 |
| | | | | 01 | 4.00 | 02 | 1000 | 159 | 5 | 23 | GW | 08 | 13/33/38 |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | DATE USE SRC.NO. UTS. CO ISS. TYPE W.S. PHS. OWNER | CROP SOIL RAIN CO PERMIT NO. DEV NO. AO TYPE ST ACRES EFF |
|------------|-----|------------------|--|---|
|------------|-----|------------------|--|---|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. SISDJA. | DPIN CODE TD | PUMP CD INT TYPE CAP. MTR? | ROW COLUMN SRC AO. | COMMENTS | S / T / R |
|------------|-----------------|-------------------|--------------|----------------------------|--------------------|----------|-----------|
|------------|-----------------|-------------------|--------------|----------------------------|--------------------|----------|-----------|

| | | | | | | | |
|-----------|-----------|---------|--------------------------|----------------------|-----|--------------------|-------------|
| 6100045-2 | 61 01 | 4.00 | 02 1000 | 362 | 5 | 23 GW 08 | 13/33/38 |
| 6100045-3 | 61 01 | 4.00 | 02 1000 | 159 | 5 | 23 GW 08 | 13/33/38 |
| 6100045-4 | 61 01 | 4.00 | 02 1000 | 362 | 5 | 23 GW 08 | 13/33/38 |
| 6100047 | 6100047-1 | 3.2 03 | 61 00 02 800 | 61 6/77 AG GW 1 | 350 | 5 26 GW 08 | 16/33/39 |
| 6100051 | 25.7 | 03 | 61 00 02 61 6/77 AG GW 6 | KENNEDY GROVES INC. | 3 | 23 GW 08 CAP. EST. | 01/33/38 |
| 6100051-1 | 01 | 4.00 | 02 | 100 | 3 | 23 GW 08 " | 01/33/38 |
| 6100051-2 | 01 | 4.00 | 02 | 100 | 3 | 23 GW 08 " | 01/33/38 |
| 6100051-3 | 01 | 4.00 | 02 | 100 | 3 | 23 GW 08 " | 01/33/38 |
| 6100051-4 | 01 | 4.00 | 02 | 100 | 3 | 23 GW 08 " | 01/33/38 |
| 6100051-5 | 01 | 4.00 | 02 | 100 | 3 | 23 GW 08 " | 01/33/38 |
| 6100054 | 6100054-1 | 20.7 03 | 61 2/85 AG GW 1 | ROBERT LANDALE | 6 | 21 GW 08 | 22 33 38 |
| 6100055 | 23.7 | 03 | 61 6/77 AG GW 2 | THOMAS & MARY BARNES | 4 | 20 GW 08 | 09/33/38 |
| 6100055-1 | 60 01 | 5.00 | 02 600 | 125 | 4 | 20 GW 08 | 09/33/38 |
| 6100055-2 | 60 01 | 5.00 | 02 900 | 240 | 4 | 20 GW 08 | 09/33/38 |
| 6100067 | 6100067-1 | 28.2 03 | 61 6/77 AG GW 4 | CHEMAG | 3 | 25 GW 08 | 05,06/33/39 |
| 6100067-2 | 01 | 4.00 | 02 400 | 50 | 3 | 25 GW 08 | 05,06/33/39 |
| 6100067-3 | 01 | 4.00 | 02 400 | 50 | 4 | 25 GW 08 | 05,06/33/39 |
| 6100067-4 | 01 | 4.00 | 02 400 | 30 | 4 | 25 GW 08 | 05,06/33/39 |
| 6100068 | 6100068-1 | 7.1 03 | 61 6/77 AG GW 3 | VICTORIS CALDWELL | 6 | 27 GW 08 | 34/33/39 |
| 6100068-2 | 61 01 | 5.00 | 02 700 | 170 | 6 | 27 GW 08 | 34/33/39 |
| 6100068-3 | 61 01 | 5.00 | 02 700 | 170 | 6 | 27 GW 08 | 34/33/39 |
| 6100069 | 6100069-1 | 12.8 03 | 61 6/77 AG GW 1 | TOM & PENNY CLARK | 7 | 24 GW 08 CAP. EST. | 30/33/39 |

| PERMIT NO. | AN. | ALL MAX UNIT NO. | DATE USE SRC.NO. UTS. CO ISS. TYPE W.S. PHS. OWNER | CROP SOIL RAIN CO PERMIT NO. DEV NO. AO TYPE ST ACRES EFF |
|------------|-----|------------------|--|---|
|------------|-----|------------------|--|---|

08 13 0.8 31 40 0.50

| | | | | | | | | | | | | | | | | | | | |
|-----------|-----------|-------|---------|---------|------|-----|-------------------------|------------------------|-----|------|----|--------------------|-----------------|-----|-----|------|-----------|------|------|
| 6100073 | 479.7 | 03 | 61 6/77 | AG | GW | 2 | BECKER GROVES | 4 | 16 | GU | 08 | 08 | 13 | 0.8 | 31 | 1280 | 0.50 | | |
| 6100073-2 | 60 01 | 10.00 | 02 | 968 | | 900 | | 5 | 17 | GU | 08 | 11,12,13,14,33/37 | | | | | | | |
| 6100076 | 6100076-1 | 7.1 | 03 | 61 6/77 | AG | GW | 1 | COL. CHARLES R. CARTER | 5 | 20 | GW | 08 | 08 | 13 | 0.8 | 31 | 18 | 0.50 | |
| 6100077 | 6100077-1 | 42.1 | 03 | 11/85 | AG | GW | 3 | BUEMA VISTA GROVES | 200 | 8 | 24 | GW | 08 | 08 | 13 | 0.8 | 31 | 190 | 0.50 |
| | 6100077-2 | 61 01 | | | | | | 200 | 8 | 24 | GW | 08 | 31/33/39 | | | | | | |
| | 6100077-3 | 61 01 | | | | | | 200 | 8 | 24 | GW | 08 | | | | | | | |
| 6100078 | 41.0 | 03 | 61 6/77 | AG | GW | 3 | D. S. BEATTY | 750 | 3 | 19 | GU | 08 | 08 | 13 | 0.8 | 31 | 120 | 0.50 | |
| | 6100078-1 | 01 | 10.00 | 02 | 1000 | | | 300 | 3 | 19 | GU | 08 | 04,05/33/38 | | | | | | |
| | 6100078-2 | 01 | 10.00 | 02 | 1000 | | | 400 | 3 | 20 | GU | 08 | 04,05/33/38 | | | | | | |
| | 6100078-3 | 01 | 10.00 | 02 | 1000 | | | | | | | | 04,05/33/38 | | | | | | |
| 6100079 | 15.0 | 03 | 61 6/77 | AG | GW | 3 | D. S. BEATTY | 125 | 4 | 23 | GU | 08 | 08 | 13 | 0.8 | 31 | 40 | 0.50 | |
| | 6100079-1 | 61 01 | 4.00 | 02 | | | | 100 | 4 | 23 | GU | 08 | 12/33/38 | | | | | | |
| | 6100079-2 | 61 01 | 4.00 | 02 | | | | 100 | 4 | 23 | GU | 08 | 12/33/38 | | | | | | |
| | 6100079-3 | 61 01 | 4.00 | 02 | | | | | | | | | 12/33/38 | | | | | | |
| 6100082 | 13.1 | 03 | 61 6/77 | AG | GW | 4 | RAY CLOUTZ | 230 | 3 | 25 | GU | 08 | 08 | 13 | 0.8 | 31 | 35 | 0.50 | |
| | 6100082-1 | 01 | 5.00 | 02 | 400 | | | 135 | 3 | 25 | GU | 08 | 05,08/33/39 | | | | | | |
| | 6100082-2 | 01 | 5.00 | 02 | 400 | | | 135 | 4 | 25 | GU | 08 | 05,08/33/39 | | | | | | |
| | 6100082-3 | 01 | 5.00 | 02 | 400 | | | 135 | 4 | 25 | GU | 08 | 05,08/33/39 | | | | | | |
| | 6100082-4 | 01 | 5.00 | 02 | 400 | | | 135 | 4 | 25 | GU | 08 | 05,08/33/39 | | | | | | |
| 215 | 6100083 | 95.7 | 03 | 61 5/88 | AG | GW | 5 | BANYAN GROVE INC. | 250 | 6 | 22 | GU | 08 | 08 | 13 | 0.8 | 31 | 185 | 0.85 |
| | 6100083-A | 60 01 | 6.00 | | | | | 100 | 6 | 22 | GU | 08 | CAP. EST. | | | | | | |
| | 6100083-B | 60 01 | 4.00 | | | | | 250 | 6 | 22 | GU | 08 | CAP. EST. | | | | | | |
| | 6100083-C | 60 01 | 6.00 | | | | | 100 | 6 | 22 | GU | 08 | CAP. EST. | | | | | | |
| | 6100083-D | 60 01 | 4.00 | | | | | 400 | 6 | 22 | GU | 08 | CAP. EST. | | | | | | |
| | 6100083-E | 60 02 | 10.00 | | | | | 400 | 6 | 22 | GU | 08 | CAP. EST. | | | | | | |
| | 6100083-F | 60 02 | 8.00 | 02 | 750 | | | | | | | | 6 | 22 | GU | 08 | CAP. EST. | | |
| 6100085 | 45.8 | 03 | 61 6/77 | AG | GW | 2 | E. W. MATHEWS | 75 | 4 | 14 | GU | 08 | 09/33/37 | | | | | | |
| | 6100085-1 | 59 01 | 4.00 | 02 | 300 | | | 305 | 4 | 14 | GU | 08 | 09/33/37 | | | | | | |
| | 6100085-2 | 59 01 | 4.00 | 02 | 300 | | | | | | | | | | | | | | |
| 6100086 | 29.2 | 03 | 61 7/78 | AG | GW | 2 | GRAVES BROTHERS COMPANY | 360 | 7 | 15 | GU | 08 | 26,27/33/37 | | | | | | |
| | 6100086-1 | 60 01 | 6.00 | 02 | 500 | | | 360 | 7 | 16 | GU | 08 | 26,27/33/37 | | | | | | |
| | 6100086-2 | 60 01 | 6.00 | 02 | 500 | | | | | | | | | | | | | | |
| 6100089 | 3980.0 | 03 | 01 | 12.00 | 02 | 112 | 6/89 PMS | GW | 02 | 500 | | CITY OF VERO BEACH | GU | 02 | | | | | |
| | 6100089-A | 01 | 10.00 | 02 | 80 | | | | 02 | 200 | | | GU | 02 | | | | | |
| | 6100089-B | 01 | 10.00 | 02 | 80 | | | | 02 | 250 | | | GU | 02 | | | | | |
| | 6100089-C | 01 | 10.00 | 02 | 80 | | | | 02 | 290 | | | GU | 02 | | | | | |
| | 6100089-D | 01 | 10.00 | 02 | 80 | | | | 02 | 1200 | | | 727705. 1060642 | GU | 08 | | | | |
| | 6100089-E | 01 | 10.00 | 02 | 570 | | | | 02 | 450 | | | GU | 02 | | | | | |
| | 6100089-F | 01 | 10.00 | 02 | 82 | | | | 02 | 400 | | | GU | 02 | | | | | |
| | 6100089-G | 01 | 12.00 | 02 | 112 | | | | 02 | | | | | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. UNIT NO. | ALL MAX UTS. CO UNIT NO. | DATE USE SRC. NO. SV | UTS. CO ISS. TYPE VLS. | PWS OWNER | CO PERMIT NO. | CROP SOIL RAIN IRR | IRR ACRES EFF |
|---------------|----------------------|-------------------------------|----------------------|------------------------|-----------|---------------|--------------------|---------------|
| PERMIT NUMBER | FACILITY NO. SSTDIA. | CODE TO CD INT TYPE CAP. MTR? | ROW COLUMN SRC AD. | COMMENTS | S / T / R | | | |
| | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | AN. UNIT NO. | QUAD. WELL OPTN | PHP PUMP PUMP | CD INT TYPE CAP. MTR? | ROW COLUMN SRC AD. | COMMENTS | S / T / R | |
|------------|--------------|-----------------|---------------|-----------------------|--------------------|-----------------|-----------|--------|
| | | | | | | | | |
| 6100089-N | 01 | 10.00 02 | 102 | 02 | 440 | | | |
| 6100089-I | 01 | 12.00 02 | 127 | 02 | 820 | | | |
| 6100089-J | 01 | 12.00 02 | 105 | 02 | 500 | | | |
| 6100089-K | 01 | 12.00 02 | 100 | 02 | 670 | | | |
| 6100089-L | 01 | 12.00 02 | 122 | 02 | 500 | | | |
| 6100089-M | 01 | 12.00 02 | 130 | 02 | 300 | | | |
| 6100089-N | 01 | 12.00 02 | 688 | 02 | 1100 | 727705. 1060642 | GW 08 | |
| 6100089-O | 01 | 12.00 02 | 90 | 02 | 600 | | | |
| 6100089-P | 01 | 12.00 02 | 93 | 02 | 600 | | | |
| 6100089-Q | 01 | 10.00 02 | 90 | 02 | 400 | | | |
| 6100089-R | 01 | 10.00 02 | 130 | 02 | 700 | | | |
| 6100089-S | 01 | 12.00 02 | 135 | 02 | 800 | | | |
| 6100089-T | 01 | 12.00 02 | 105 | 02 | 300 | | | |
| 6100089-U | 01 | 12.00 02 | 677 | 02 | 100 | 727705. 1060642 | GW 08 | |
| 6100089-V | 01 | 12.00 02 | 130 | 02 | 800 | | | |
| 6100089-W | 01 | 12.00 02 | 130 | 02 | 450 | | | |
| 6100089-X | 01 | 12.00 02 | 15 | 02 | 600 | | | |
| 6100089-Y | 01 | 12.00 02 | 130 | 02 | 525 | | | |
| 6100089-Z | 01 | 12.00 02 | 140 | 02 | 300 | | | |
| 6100089-AA | 01 | 12.00 02 | 120 | 02 | 500 | | | |
| 6100089-AB | 01 | 12.00 02 | 125 | 02 | 690 | | | |
| 6100089-AC | 01 | 12.00 02 | 125 | 02 | 690 | | | |
| 6100089-AD | 01 | 12.00 02 | 570 | 02 | 1200 | 727705. 1060642 | GW 08 | |
| 6100089-AE | 01 | 12.00 02 | 78 | 02 | 450 | | | |
| 6100089-AF | 01 | 12.00 02 | 80 | 02 | 350 | | | |
| 6100089-AG | 01 | 12.00 02 | 75 | 02 | 350 | | | |
| 6100091 | 6100091-1 | 62.9 03 | | 2 | PLATO KIRBY | | | |
| | 6100091-2 | 61.01 01 | 6.00 02 | 1000 | 900 | 6 25 | GW 08 | |
| | | | | 31 | 100 | 6 25 | GW 02 | |
| 6100093 | 6100093-1 | 58.4 03 | | 2 | WILDER CORP | | | |
| | 6100093-2 | 61.01 01 | 6.00 02 | 900 | 200 | 3 24 | GW 08 | -164GD |
| | | | | | 3 | 24 | GW 08 | |
| | | | | | | | 20/33/39 | |
| | | | | | | | 20/33/39 | |

| | | | | | | | | | | | | | | | | | | | | |
|---------|-----------|--------|-------|-------|----------|---------|---------|------|------|------------------------------|---------------------|----|----|----|-------------------|----------|-----|----|------------------------|----|
| 6100094 | 6100094-1 | 101.2 | 03 | 6.00 | 02 | 61 1/80 | AG | BOTH | 2 | CURTIS MUSGROVE JR. | 4 | 21 | GW | 08 | 08 | 13 | 0.8 | 31 | 80 0.50 | |
| | 6100094-2 | 01 | 6.00 | 02 | | | | | 610 | | 4 | 21 | GW | 08 | | | | | | |
| 6100095 | 6100095-1 | 54.8 | 03 | 6.00 | 02 | 660 | GW | | 2 | TROPIC VILLAS NORTH | 4 | 23 | GW | 08 | POTABLE WATER USE | 12/33/39 | | | 08 | |
| | 6100095-2 | 61.01 | 6.00 | 02 | 660 | | | | 125 | | 4 | 23 | GW | 08 | .15 MGD | 12/33/39 | | | | |
| 6100096 | 6100096-0 | 308.0 | 03 | 8.00 | 02 | 8/85 | AG | GW | 5 | LYKES CITRUS MANAGEMENT DIV. | 3 | 18 | GW | 08 | | | | | 08 13 0.8 31 1352 0.85 | |
| | 6100096-2 | 01 | 8.00 | 02 | 600 | | | | 696 | | | | | | | | | | | |
| | 6100096-3 | 01 | 8.00 | 02 | 660 | | | | 815 | | 3 | 19 | GW | 08 | | | | | | |
| | 6100096-4 | 01 | 8.00 | 02 | 1100 | | | | 605 | | 4 | 18 | GW | 08 | | | | | | |
| | 6100096-5 | 01 | 8.00 | 02 | 600 | | | | 657 | | 4 | 19 | GW | 08 | | | | | | |
| | 6100096-6 | 01 | 8.00 | 02 | 600 | | | | 1027 | | 4 | 18 | GW | 08 | | | | | | |
| 6100097 | 6100097-1 | 60.4 | 03 | 8.00 | 02 | 61 8/85 | AG | GW | 1 | LYKES CITRUS MANAGEMENT DIV. | 6 | 19 | GW | 08 | | | | | 08 13 0.8 31 265 .85 | |
| | | | | | | | | | 750 | | | | | | | | | | | |
| 6100098 | 6100098-1 | 50.7 | 03 | | | 61 7/80 | IMD | BOTH | 4 | OCEAN SPARY CRANBERRIES | 7 | 23 | GW | 08 | 1,074MGD | | | | | |
| | 6100098-2 | 61.01 | 8.00 | 02 | 1250 | | | | 800 | | 7 | 23 | GW | 08 | | | | | | |
| | 6100098-3 | 61.01 | 8.00 | 02 | 1250 | | | | 800 | | 7 | 23 | GW | 08 | | | | | | |
| | 6100098-C | 61.01 | 8.00 | 02 | 53 | | | | 55 | | 7 | 23 | GW | 08 | | | | | | |
| | 6100098-D | 61.01 | 8.00 | 02 | 53 | | | | 140 | | 7 | 23 | GW | 02 | | | | | | |
| 6100099 | 6100099-1 | 120.5 | 03 | 8.00 | 02 | 700 | GW | | 3 | FLA. ATLANTIC ASSOCIATES | 4 | 22 | GW | 08 | .1 MGD | 11/33/39 | | | 08 | |
| | 6100099-2 | 61.01 | 8.00 | 02 | 700 | | | | 150 | | 4 | 22 | GW | 08 | | | | | | |
| | 6100099-3 | 61.02 | 8.00 | 02 | 700 | | | | 150 | | 4 | 22 | GW | 08 | | | | | | |
| 5100100 | 6100100-1 | 216.6 | 03 | 6.00 | 02 | 8/80 | AG | GW | 1 | 1 S. W. S. GROVES | 6 | 25 | GW | 08 | | | | | 08 13 0.8 31 480 .85 | |
| | 6100100-2 | 60.02 | 10.00 | 02 | 800 | | | | 1000 | | 6 | 25 | GW | 08 | | | | | | |
| | 6100101 | 152.0 | 03 | 14.00 | 02 | 800 | GW | | 3 | BELAIRE GROVES JOINT VENTURE | 5 | 19 | GW | 08 | | | | | 08 13 0.8 31 1760 .85 | |
| | 6100101-1 | 60.01 | 14.00 | 02 | 800 | | | | 2600 | | 6 | 20 | GW | 08 | | | | | | |
| | 6100101-2 | 60.01 | 14.00 | 02 | 800 | | | | 2600 | | 6 | 19 | GW | 08 | | | | | | |
| | 6100101-3 | 60.01 | 14.00 | 02 | 800 | | | | 1000 | | 6 | 19 | GW | 08 | | | | | | |
| 6100105 | 6100105-0 | 137.0 | 03 | 6.00 | 02 | 11/85 | AG | GW | 1 | BELAIRE GROVES JOINT VENTURE | 5 | 17 | GW | 08 | | | | | 08 13 0.8 31 300 .85 | |
| | 6100105-1 | 60.01 | 8.00 | 02 | 1104 | | | | 1100 | | 5 | 17 | GW | 08 | | | | | | |
| 6100106 | 6100106-0 | 1551.0 | 03 | 61.02 | 12.00 | 02 | 61 6/81 | PWS | GW | 2 | INDIAN RIVER COUNTY | 6 | 28 | GW | 08 | | | | | 08 |
| | 6100106-1 | 61.02 | 12.00 | 02 | 12.00 | | | | 1200 | | 6 | 28 | GW | 08 | | | | | | |
| | 6100106-2 | 61.02 | 12.00 | 02 | 12.00 | | | | 1200 | | 6 | 28 | GW | 08 | | | | | | |
| 6100107 | 6100107-1 | 97.8 | 03 | 10.00 | 02 | 500 | AG | GW | 2 | PACKERS OF INDIAN RIVER INC. | 3 | 17 | GW | 08 | | | | | 08 13 0.8 31 200 0.85 | |
| | 6100107-2 | 02 | 10.00 | 02 | 500 | | | | 1700 | | 3 | 17 | GW | 08 | | | | | | |
| 6100108 | 6100108-1 | 60.01 | 6.00 | 02 | 61 10/86 | AG | GW | | 250 | | 7 | 16 | GW | 08 | EST.CAP. | 26/33/37 | | | 08 13 0.8 31 200 0.85 | |
| | 6100108-2 | 60.01 | 6.00 | 02 | 600 | | | | 250 | | 7 | 16 | GW | 08 | " | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL MAX UNIT NO. | DATE USE SIC.NO. | UTS. CO ISS. TYPE | W.L.S. | PMP | OWNER | CD | PERMIT NO. | DEV NO. | AQ TYPE | ST ACRES | IRR EFF |
|------------|------------------|------------------|-------------------|--------|-----|-------|----|------------|---------|---------|----------|---------|
| | | | | | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. | WELL | DEPTH | PMP PUMP PUMP | CODE TD CD INT TYPE CAP. MTN? | ROW COLUMN SEC AO. | COMMENTS | \$ / T / R |
|------------|-----------------|-------|------|-------|---------------|-------------------------------|--------------------|----------|------------|
| | | | | | | | | | |

| 6100109 | 119.9 | 03 | 02 | 61 2/87 AG GW | 2 | FRED TUENK | 4 | 16 GW 08 EST.CAP | 11/33/37 | 08 | 13 | 0.8 | 31 | 312 0.50 |
|-----------|-------|------|----|----------------|-----|-------------------------------|---|--------------------------|----------|----|----|-----|----|----------|
| 6100109-1 | 01 | 01 | 02 | | 500 | | 4 | 16 GW 08 .707MHD EST.CAP | 11/33/37 | | | | | |
| 6100109-2 | 01 | 01 | 02 | | 500 | | 4 | | | | | | | |
| 6100110 | 45.0 | 03 | 00 | 61 12/86 AG GW | 1 | STEWART B. IGENART 1990 TRUST | 7 | 21 GW 08 | 27/33/38 | 08 | 13 | 0.8 | 31 | 138 0.85 |
| 6100111 | 33.1 | 03 | 00 | 61 6/86 AG GW | 2 | OTMAR M. ZIGRAM | 7 | 25 GW 08 EST.CAP. | 29/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 |
| 6100111-1 | 61 01 | 6.00 | 02 | 1100 | 900 | | 7 | 25 GW 08 " | 29/33/39 | | | | | |
| 6100111-2 | 61 01 | 6.00 | 02 | 1000 | 250 | | 7 | | 29/33/39 | | | | | |
| 6100112 | 46.6 | 03 | 00 | 61 1/86 AG GW | 1 | RANDY SEXTON SR. | 7 | 26 GW 08 | 28/33/39 | 08 | 13 | 0.8 | 31 | 90 0.85 |
| 6100112-1 | 61 01 | 8.00 | 02 | 700 | 889 | | 7 | | | | | | | |
| 6100113 | 67.2 | 03 | 01 | 61 11/85 AG GW | 3 | RANDY SEXTON SR. | 6 | 22 GW 08 | 23/33/38 | 08 | 13 | 0.8 | 31 | 120 0.50 |
| 6100113-1 | 61 01 | 6.00 | 02 | 700 | 558 | | 6 | | 23/33/38 | | | | | |
| 6100113-2 | 61 01 | 6.00 | 02 | 700 | 343 | | 6 | 22 GW 08 | 23/33/38 | | | | | |
| 6100113-3 | 61 01 | 6.00 | 02 | 700 | 558 | | 6 | 22 GW 08 | 23/33/38 | | | | | |
| 6100114 | 11.6 | 03 | 00 | 61 11/86 AG GW | 1 | CAMELA GROVES INC | 6 | 22 GW 08 fl.:2030F TOTAL | 23/33/38 | 08 | 13 | 0.8 | 31 | 14 0.50 |
| 6100115 | 11.5 | 03 | 00 | 61 11/85 AG GW | 3 | ISABELLE M. BEUTELL | 3 | 26 GW 08 | 04/33/39 | 08 | 13 | 0.8 | 31 | 25 0.85 |
| 6100115-1 | 01 | 6.00 | | | 250 | | 3 | 26 GW 08 | 04/33/39 | | | | | |
| 6100115-2 | 01 | 6.00 | | | 250 | | 3 | 26 GW 08 | 04/33/39 | | | | | |
| 6100115-3 | 01 | 6.00 | | | 250 | | 3 | 26 GW 08 | 04/33/39 | | | | | |
| 6100120 | 83.0 | 03 | 00 | 61 11/81 AG GW | 4 | VALERIA HEARDON | 4 | 23 GW 08 | 12/33/38 | 08 | 20 | 0.8 | 31 | 120 0.50 |
| 6100120-1 | 61 01 | 4.00 | 02 | 820 | 150 | | 4 | | 12/33/38 | | | | | |
| 6100120-2 | 61 01 | 4.00 | 02 | | 45 | | 4 | 23 GW 08 | 12/33/38 | | | | | |
| 6100120-3 | 61 01 | 4.00 | 02 | | 85 | | 4 | 23 GW 08 | 12/33/38 | | | | | |
| 6100120-4 | 61 01 | 4.00 | 02 | 893 | 40 | | 4 | 23 GW 08 | 12/33/38 | | | | | |
| 6100122 | 48.4 | 03 | 00 | 61 11/81 AG GW | 1 | JOHN R. & BARBARA TRIPSON | 3 | 26 GW 08 | 34/33/39 | 08 | 20 | 0.8 | 31 | 105 0.50 |

| | | | | | | | | | | | | | | |
|-----------|-----------|-------|------------------|------------------|--------------------------------|-------------------------------|---------------------------------|----------------|----------|----|-----|-----|----------|----------|
| 6100123 | 142.4 | 03 | 61 12/88 AG BOTH | 4 | VERO BEACH COUNTRY CLUB | 29 GW | 08 EST.CAP. | 36,01/32,33/39 | 08 | 15 | 0.4 | 31 | 130 0.75 | |
| 6100123-1 | 01 | | | | 500 | 2 | 29 GW | 08 " | | | | | | |
| 6100123-2 | 01 | | | | 500 | 1 | 29 GW | 08 " | | | | | | |
| 6100123-3 | 01 | | | | 500 | 3 | 29 GW | 08 " | | | | | | |
| 6100123-4 | 01 | | | | 500 | 3 | 29 GW | 08 " | | | | | | |
| 6100123-5 | 01 | | | | 10000 | 3 | 29 SW | 99 " | | | | | | |
| 6100124 | | | 61 11/81 | | AQUATIC FISHERIES | | | | | | | | | |
| 6100125 | 40.0 | 03 | 61 2/86 AG GM | 4 | 1 INTERNATIONAL CITRUS CORP. | 15 GW | 08 | 22/33/37 | 08 | 13 | 0.8 | 31 | 320 0.85 | |
| 6100125-1 | 61 01 | 03 | 6.00 02 1000 | | 800 | 6 | 15 GW | 08 | | | | | | |
| 6100125-2 | 61 01 | 03 | 6.00 02 1200 | | 800 | 6 | 15 GW | 08 | | | | | | |
| 6100125-3 | 61 01 | 03 | 6.00 02 1200 | | 800 | 6 | 15 GW | 08 | | | | | | |
| 6100125-4 | 61 01 | 03 | 6.00 02 1200 | | 800 | 6 | 15 GW | 08 | | | | | | |
| 6100127 | 182.5 | 03 | 42.00 02 65 | 5/87 IND GM | 1 | HERCULES INC. | GW 02 | 25/33/38 | 08 | | | | 50 | |
| 6100127-1 | 61 | | | | | | | | | | | | | |
| 6100128 | 121.0 | 03 | 6.00 02 125 | 61 6/85 PMS GM | 3 | GENERAL DEVELOPMENT UTILITIES | GW 02 | 02 | | | | | | |
| 6100128-1 | 61 01 | 03 | 6.00 02 125 | | 150 | 6 | GW 02 | | | | | | | |
| 6100128-2 | 61 01 | 03 | 6.00 02 125 | | 125 | 3 | 28 GW | 08 | | | | | | |
| 6100128-3 | 61 01 | 03 | 6.00 02 125 | | 350 | 8 | 30 GW | 02 | | | | | | |
| 6100129 | 28.0 | 03 | 61 12/81 IND GM | 4 | CITY OF VERO BEACH POWER PLANT | 28 GW | 06 .079 MED | 02/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 | |
| 6100129-1 | 01 | 03 | 6.00 02 800 | | 500 | 3 | 28 GW | 08 | | | | | | |
| 6100129-2 | 01 | 03 | 6.00 02 800 | | 500 | 3 | 28 GW | 08 | | | | | | |
| 6100129-3 | 01 | 03 | 6.00 02 950 | | 500 | 3 | 28 GW | 08 | | | | | | |
| 6100129-4 | 01 | 03 | 6.00 02 1000 | | 500 | 3 | 28 GW | 08 | | | | | | |
| 219 | 6100131 | 42.4 | 03 | 61 12/81 AG BOTH | 2 | H. W. HOWCK | 25 GW | 08 EST.CAP | 17/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 |
| | 6100131-1 | 61 01 | 03 | 6.00 02 900 | 100 | 5 | 25 GW | 08 " | 17/33/39 | | | | | |
| | 6100131-2 | 61 01 | 03 | 6.00 02 900 | 100 | 5 | 25 GW | 08 " | | | | | | |
| 6100132 | 36.0 | 03 | 61 2/86 AG GM | 4 | CARMEN O. RUIZIO | 25 GW | 08 EST.CAP | 32/33/39 | 08 | 13 | 0.8 | 31 | 70 0.85 | |
| 6100132-1 | 61 01 | 03 | 10.00 02 900 | | 310 | 6 | 25 GW | 08 | | | | | | |
| 6100132-2 | 61 01 | 03 | 10.00 02 900 | | 310 | 6 | 25 GW | 08 | | | | | | |
| 6100132-3 | 61 01 | 03 | 10.00 02 900 | | 310 | 6 | 25 GW | 08 | | | | | | |
| 6100132-4 | 61 01 | 03 | 10.00 02 900 | | 310 | 6 | 25 GW | 08 " | | | | | | |
| 6100137 | 56768.0 | 03 | 61 1/82 IND BOTH | 2 | CITY OF VERO BEACH POWER PLANT | GW 08 2.6 MED | 06/33/40 | 08 | 13 | | | | | |
| 6100137-1 | 01 | 03 | 10.00 02 1200 | | 1500 | GW | 08 PUMPS FORM I.R.LAG. 06/33/40 | | | | | | | |
| 6100137-2 | 01 | 03 | 10.00 02 1200 | | 1500 | GW | 08 PUMPS FORM I.R.LAG. 06/33/40 | | | | | | | |
| 6100137 | 20.0 | 03 | 61 8/89 IND BOTH | 2 | 3 CITY OF VERO BEACH | SW 99 | | 32/33/39 | 08 | 13 | | | | |
| 6100137-1 | 01 | 03 | 02 1200 | | 22000 | SW 99 | | | | | | | | |
| 6100137-2 | 01 | 03 | 02 1200 | | 30000 | SW 99 | | | | | | | | |
| 6100137-3 | 01 | 03 | 02 1200 | | 60000 | SW 99 | | | | | | | | |
| 6100138 | 38.9 | 03 | 61 6/86 AG GM | 3 | VIRGIN GROVES INC. | 6 | 28 GW | 08 CAP.EST. | 35/33/39 | 08 | 20 | 0.4 | 31 | 240 0.50 |
| 6100138-1 | 01 | 03 | 02 | | 500 | 6 | 28 GW | 08 " | | | | | | |
| 6100138-2 | 01 | 03 | 02 | | 500 | 6 | 28 GW | 08 " | | | | | | |
| 6100138-3 | 01 | 03 | 02 | | 500 | 6 | 28 GW | 08 " | | | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX UNIT NO. | NO. OF TS. | DATE USE SRC. NO. | SU | CROP SOIL TYPE | RAIN ST | IRR ST | ACRES EFF |
|------------|-----|------------------|------------|-------------------|-----|----------------|---------------|---------|-----------|
| PERMIT NO. | NO. | UTS. CO | TS. TYPE | W.S. | PWS | OWNER | CD PERMIT NO. | DEV NO. | CD |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL S/SDIA. | OPTN CODE TD | CD INT TYPE CAP. MTR? | ROW COLUMN SRC AQ. | COMMENTS | S / T / R |
|------------|-----------------|-----------|--------------|--------------|-----------------------|--------------------|----------|-----------|
|------------|-----------------|-----------|--------------|--------------|-----------------------|--------------------|----------|-----------|

| | | | | | | | | | | | | | | | |
|---------|-------------|--------|-------|---------------|---------------|-------------------------|-----------------------------|---------------------------|----------------------|----------|-----|-----|---------|-----------|----------|
| 6100139 | 6100139-1 | 32.4 | 03 | 9.00 | 02 1000 | 61 2/85 AG GM | 1 | EDWIN PRANGE | 4 14 GW 08 | 09/33/37 | 08 | 13 | 0.8 | 31 | 47 0.50 |
| 6100140 | 6100140-1 | 42.0 | 03 | 59 01 | 12.00 | 02 61 12/85 AG GM | 1 | AMAPA CORPORATION | 4 14 GW 08 | 09/33/37 | 08 | 13 | 0.8 | 31 | 125 0.85 |
| 6100143 | 6100143-1 | 74.5 | 03 | 01 | 10.00 | 02 61 3/87 AG GM | 1 | BERNARD EDER | 3 14 GW 08 | 04/33/37 | 08 | 13 | 0.8 | 31 | 144 0.85 |
| 6100144 | 6100144-1 | 41.5 | 03 | 10.00 | 02 900 | 61 6/85 AG GM | 1 | CHRISTFRIED PROCHNOW | 4 14 GW 08 | 04/33/37 | 08 | 13 | 0.8 | 31 | 133 0.50 |
| 6100146 | 6100146-1 | 37.9 | 03 | 6.00 | 02 100 | 61 5/86 PWS GM | 2 | CHAMPION HOME COMMUNITIES | 6 22 GW 02 | 11/33/38 | 08 | | | | |
| | 6100146-2 | 6.00 | 02 | 100 | | 250 | 4 | | 22 GW 02 | 11/33/38 | | | | | |
| 6100147 | 6100147-1 | 82.0 | 03 | 61 01 | 5.00 | 02 61 5/82 AG GM | 2 | THOMAS F. BATES | 6 27 GW 08 | 22/33/39 | 08 | 13 | 0.8 | 31 | 53 0.50 |
| | 6100147-2 | 61 01 | 5.00 | 02 | 250 | 6 | 27 GW 08 | | 22/33/39 | | | | | | |
| 6100148 | 6100148-1 | 01 | 10.00 | 61 8/85 AG GM | 2 | FRANK BATES GROVES INC. | 4 17 GW 08 CAP. EST. | 12/33/37 | 08 | 13 | 0.8 | 31 | 80 0.50 | | |
| | 6100148-2 | 01 | 10.00 | 650 | 4 | 17 GW 08 * | FREEZE PROT. | 12/33/37 | | | | | | | |
| 6100150 | 6100150-1 | 33.1 | 03 | 61 7/85 AG GM | 4 | BYRON N. BEATTY | 7 11 GW 08 CAP. EST. | 07/33/39 | 08 | 13 | 0.8 | 31 | 40 0.50 | | |
| | 6100150-2 | 61 01 | 4.00 | 750 | 163 | 4 | 24 GW 08 | 07/33/39 | | | | | | | |
| | 6100150-3 | 61 01 | 4.00 | 750 | 131 | 4 | 24 GW 08 | 07/33/39 | | | | | | | |
| | | | | 750 | 131 | 4 | 24 GW 08 | 07/33/39 | | | | | | | |
| 6100151 | 6100151-108 | 1194.0 | 03 | 12.00 | 61 8/85 AG GM | 8 | EVANS PROPERTIES INC. ET AL | 7 11 GW 08 CAP. EST. | 25,36,30,31/33/36,37 | 08 | 13 | 0.8 | 31 | 2105 0.50 | |
| | 6100151-10W | 59 01 | 12.00 | 1100 | 7 | 11 GW 08 * | | 25,36,30,31/33/36,37 | | | | | | | |
| | 6100151-12A | 59 01 | 12.00 | 1100 | 7 | 11 GW 08 * | | 25,36,30,31/33/36,37 | | | | | | | |
| | 6100151-12B | 59 01 | 12.00 | 1100 | 7 | 11 GW 08 * | | 25,36,30,31/33/36,37 | | | | | | | |
| | 6100151-12W | 59 01 | 12.00 | 1100 | 7 | 11 GW 08 * | | 25,36,30,31/33/36,37 | | | | | | | |

| | | | | | | | | |
|-------------|-----------|-------|------|------|---------------|-------|----------------------------------|--|
| 6100151-14A | 59 01 | 12.00 | | 1100 | 7 | 11 GU | 08 * | |
| 6100151-14B | 59 01 | 12.00 | | 1100 | 6 | 11 GU | 08 * | |
| 6100151-14W | 59 01 | 12.00 | | 1100 | 6 | 11 GU | 08 * | |
| 6100151-15A | 59 01 | 12.00 | | 1100 | 6 | 11 GU | 08 * | |
| 6100151-15B | 59 01 | 12.00 | | 1100 | 6 | 11 GU | 08 * | |
| 6100151-15W | 59 01 | 12.00 | | 1100 | 6 | 11 GU | 08 * | |
| 6100151-15Y | 59 01 | 12.00 | | 1100 | 6 | 11 GU | 08 * | |
| 6100151-2AE | 59 01 | 12.00 | | 1100 | 6 | 11 GU | 08 * | |
| 6100151-2AW | 59 01 | 12.00 | | 1100 | 7 | 12 GU | 08 * | |
| 6100151-2BE | 59 01 | 12.00 | | 1100 | 7 | 12 GU | 08 * | |
| 6100151-4AE | 59 01 | 12.00 | | 1100 | 7 | 12 GU | 08 * | |
| 6100151-4AN | 59 01 | 12.00 | | 1100 | 7 | 12 GU | 08 * | |
| 6100151-4B | 59 01 | 12.00 | | 1100 | 7 | 12 GU | 08 * | |
| 6100151-6AE | 59 01 | 12.00 | | 1100 | 7 | 12 GU | 08 * | |
| 6100151-6AW | 59 01 | 12.00 | | 1100 | 6 | 12 GU | 08 * | |
| 6100151-6BE | 59 01 | 12.00 | | 1100 | 6 | 12 GU | 08 * | |
| 6100151-6BW | 59 01 | 12.00 | | 1100 | 6 | 12 GU | 08 * | |
| 6100151-8AE | 59 01 | 12.00 | | 1100 | 6 | 12 GU | 08 * | |
| 6100151-8AW | 59 01 | 12.00 | | 1100 | 6 | 12 GU | 08 * | |
| 6100161-8BE | 59 01 | 12.00 | | 1100 | 6 | 12 GU | 08 * | |
| 6100154 | 6100154-1 | 161.8 | 03 | | 61 6/82 AG GU | 3 | N. ROSENTHAL / R. NEWMAN | |
| | 6100154-2 | 60 01 | 8.00 | 02 | 900 | 550 | 6 21 GU 08 | |
| | 6100154-3 | 60 01 | 8.00 | 02 | 850 | 300 | 6 21 GU 08 | |
| | 6100154-3 | 60 01 | 8.00 | 02 | 850 | 300 | 6 21 GU 08 | |
| 6100155 | 6100155 | 151.0 | 03 | | 61 4/85 AG GU | 5 | NORMAN ROSENTHAL / ROBERT NEWMAN | |
| | 6100155-1 | 60 01 | 6.00 | 02 | 800 | 411 | 7 22 GU 08 | |
| | 6100155-2 | 60 01 | 6.00 | 02 | 700 | 200 | 7 22 GU 08 | |
| | 6100155-3 | 60 01 | 6.00 | 02 | 800 | 411 | 7 22 GU 08 | |
| | 6100155-4 | 60 01 | 6.00 | 02 | 366 | 366 | 7 22 GU 08 | |
| | 6100155-5 | 60 01 | 6.00 | 02 | 900 | 366 | 7 22 GU 08 | |
| 6100157 | 6100157-1 | 82.8 | 03 | | 61 4/85 AG GU | 3 | WILLIAM L. NICHOLAS | |
| | 6100157-2 | 60 01 | 5.00 | | | 387 | 7 21 GU 08 | |
| | 6100157-3 | 60 01 | 5.00 | | | 323 | 7 21 GU 08 | |
| | 6100157-3 | 60 01 | 5.00 | | | 1096 | 7 21 GU 08 | |
| 6100158 | 6100158-1 | 28.9 | 03 | | 61 6/82 AG GU | 1 | M. CASTELLVI | |
| | 6100162 | 13.5 | 03 | | 61 7/87 AG GU | 1 | HEDI CITRUS INC. | |
| | 6100162-1 | 60 01 | 8.00 | 02 | 950 | 714 | 8 21 GU 08 | |
| 6100163 | 6100163 | 60.5 | 03 | | 61 2/87 AG GU | 4 | JANICE NEWMAN ROSENTHAL | |
| | 6100163-1 | 60 01 | 6.00 | 02 | 800 | 300 | 8 21 GU 08 | |
| | 6100163-2 | 60 01 | 6.00 | 02 | 800 | 300 | 8 21 GU 08 | |
| | 6100163-3 | 60 01 | 6.00 | 02 | 900 | 600 | 8 21 GU 08 | |
| | 6100163-4 | 60 01 | 6.00 | 02 | 900 | 600 | 8 21 GU 08 | |
| 6100164 | 6100164-1 | 42.2 | 03 | | 61 9/86 AG GU | 2 | L.O. GROVES | |
| | 6100164-2 | 60 01 | 8.00 | 02 | | 575 | 3 21 GU 08 CAP. EST | |
| | 6100164-2 | 60 01 | 8.00 | 02 | | 575 | 3 21 GU 08 * | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | MAX. UNIT NO. | NO. UTS. | DATE USE SRC. NO. CO ISS. TYPE | SW | WLS. | PWS | OWNER | CROP SOIL RAIN IRR | IRR TYPE | ST ACRES EFF |
|------------|----------|---------------|----------|--------------------------------|----|------|-----|-------|--------------------|----------|--------------|
|------------|----------|---------------|----------|--------------------------------|----|------|-----|-------|--------------------|----------|--------------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. | DPIN CODE | PUMP CD | PUMP INT | PUMP TYPE | CAP. MTR? | ROW | COLUMN | SRC AQ. | COMMENTS | 'S / T / R |
|------------|-----------------|-----------|----------|-----------|---------|----------|-----------|-----------|-----|--------|---------|----------|------------|
|------------|-----------------|-----------|----------|-----------|---------|----------|-----------|-----------|-----|--------|---------|----------|------------|

| | | | | | | | | | | | | | | | |
|---------|-----------|-------|----|-------|----|------|----------|----|------|--------------------------------|----|----|----|----------------------|-------------|
| 6100165 | 6100165-1 | 114.9 | 03 | 8.00 | 02 | 61 | 4/85 AG | GW | 3 | WILLIAM L. NICHOLAS | 20 | GW | 08 | 06 09/33/38 | |
| | 6100165-2 | | | 8.00 | 02 | 900 | | | 339 | | 4 | 20 | GW | 08 | 06 09/33/38 |
| | 6100165-3 | | | 8.00 | 02 | 900 | | | 393 | | 4 | 20 | GW | 08 | 06 09/33/38 |
| 6100166 | 6100166-1 | 11.8 | 03 | 6.00 | 02 | 61 | 8/86 AG | GW | 1 | JOHN LINDSEY | 22 | GW | 08 | 35/33/38 | |
| | 6100166-1 | 60.01 | | | | 600 | | | 8 | | | | | | |
| 6100169 | 6100169-1 | 66.2 | 03 | 12.00 | 02 | 61 | 12/86 AG | GW | 1 | RANGE RINE GROVES INC. | | | | 01/33/38 | |
| | 6100169-1 | 01 | | | | 330 | | | 1100 | | 3 | 23 | GW | 08 | |
| 6100180 | 6100180-1 | 34.6 | 03 | 6.00 | 02 | 61 | 7/82 AG | GW | 2 | C. REED KNIGHT | 6 | 23 | GW | 08 | |
| | 6100180-1 | 01 | | | | 412 | | | 441 | | 4 | 23 | GW | 08 | 12/33/38 |
| | 6100180-2 | 61.01 | | | | 412 | | | 441 | | 4 | 23 | GW | 08 | 12/33/38 |
| 6100181 | 6100181-1 | 15.9 | 03 | 6.00 | 02 | 61 | 10/85 AG | GW | 7 | HENRY SCHACKT | 5 | 24 | GW | 08 CAP. EST. | |
| | 6100181-1 | 61.01 | | | | 250 | | | 250 | | 5 | 24 | GW | 08 | 10/33/39 |
| | 6100181-2 | 61.01 | | | | 250 | | | 250 | | 5 | 24 | GW | 08 | 10/33/39 |
| | 6100181-3 | 61.01 | | | | 250 | | | 250 | | 5 | 24 | GW | 08 | 10/33/39 |
| | 6100181-4 | 61.01 | | | | 250 | | | 250 | | 5 | 24 | GW | 08 | 10/33/39 |
| | 6100181-5 | 61.01 | | | | 250 | | | 250 | | 5 | 24 | GW | 08 | 10/33/39 |
| | 6100181-6 | 61.01 | | | | 250 | | | 250 | | 5 | 24 | GW | 08 | 10/33/39 |
| | 6100181-7 | 61.01 | | | | 250 | | | 250 | | 5 | 24 | GW | 08 | 10/33/39 |
| 6100182 | 6100182-1 | 16.6 | 03 | 6.00 | 02 | 61 | 10/85 AG | GW | 2 | HENRY SCHACKT | 6 | 25 | GW | 08 | |
| | 6100182-1 | 61.01 | | | | 250 | | | 250 | | 6 | 25 | GW | 08 | 20/33/39 |
| | 6100182-2 | 61.01 | | | | 250 | | | 250 | | 6 | 25 | GW | 08 | 20/33/39 |
| 6100184 | 6100184-1 | 49.6 | 03 | 5.00 | 02 | 61 | 7/82 AG | GW | 4 | PHILLIP R. HELSETH | 6 | 26 | GW | 08 | |
| | 6100184-2 | 61.01 | | | | 800 | | | 286 | | 6 | 26 | GW | 08 | 21/33/39 |
| | 6100184-3 | 61.01 | | | | 5.00 | 02 | | 171 | | 6 | 26 | GW | 08 | 21/33/39 |
| | 6100184-4 | 61.01 | | | | 5.00 | 02 | | 157 | | 6 | 26 | GW | 08 | 21/33/39 |
| | 6100185 | 21.6 | 03 | | | 61 | 10/85 AG | GW | 2 | A-1 CITRUS INC/OLIVE F. PIPPIN | | | | 08 13 0.8 31 40 0.50 | |

| | | | | | | | | | |
|-----------|----------------|-------|------|----------|---------|-------|------------------------------|---------------|-----------------------|
| 6100186-1 | 60.01 | 14.00 | 02 | | 1500 | 5 | 20 GU | 08 CAP-EST. | 16/33/38 |
| 6100186-2 | 60.01 | 14.00 | 02 | | 1500 | 5 | 20 GU | 08 " | |
| 6100189 | 138.2 | 03 | | 61 7/82 | AG GM | 2 | C. REED KNIGHT | | |
| 6100189-1 | 59.01 | 12.00 | 02 | | 1100 | 5 | 15 GU | 08 | 15/33/37 |
| 6100189-2 | 59.01 | 12.00 | 02 | | 1100 | 5 | 15 GU | 08 | 15/33/37 |
| 6100193 | 6100193-1 21.5 | 03 | 4.00 | 02 | 61 8/82 | AG GM | 2 | MONROE GROVES | |
| 6100193-2 | 01 | 4.00 | 02 | | 350 | 3 | 25 GU | 08 | 05/33/39 |
| 6100194 | 6100194-1 46.1 | 03 | 6.00 | 02 | 61 8/82 | AG GM | 2 | MONROE GROVES | |
| 6100194-2 | 61.01 | 6.00 | 02 | | 320 | 7 | 26 GU | 08 | 26/33/39 |
| 6100197 | 73.5 | 03 | | 61 5/86 | AG GM | 5 | D. VICTOR KNIGHT JR. | | |
| 6100197-1 | 01 | 6.00 | 02 | | 358 | 4 | 20 GU | 08 | 09/33/38 |
| 6100197-2 | 01 | 6.00 | 02 | | 358 | 4 | 20 GU | 08 | 09/33/38 |
| 6100197-3 | 01 | 6.00 | 02 | | 358 | 4 | 20 GU | 08 | 09/33/38 |
| 6100197-4 | 01 | 6.00 | 02 | | 358 | 4 | 20 GU | 08 | 09/33/38 |
| 6100197-5 | 02 | 6.00 | 02 | | 3000 | 4 | 20 GU | 08 | 09/33/38 |
| 6100199 | 27.6 | 03 | | 61 3/83 | AG GM | 3 | R. W. GRAVES INC. | | |
| 6100199-1 | 60.01 | 8.00 | 02 | | 674 | 7 | 21 GU | 08 | 27/33/38 |
| 6100199-2 | 60.01 | 8.00 | 02 | | 479 | 7 | 21 GU | 08 | 27/33/38 |
| 6100199-3 | 60.01 | 8.00 | 02 | | 200 | 7 | 21 GU | 08 | 27/33/38 |
| 6100200 | 55.3 | 03 | | 61 9/82 | AG GM | 1 | RANDY SEXTON JR. | | |
| 6100200-1 | 60.01 | 8.00 | | | 375 | 8 | 22 GU | 08 CAP-EST. | 35/33/38 |
| 223 | 6100201 16.6 | 03 | | 61 9/82 | AG GM | 3 | J. MARK WELLS | | |
| 6100201-1 | 61.01 | 5.00 | 02 | | 306 | 8 | 26 GU | 08 | 35/33/39 |
| 6100201-2 | 61.01 | 5.00 | 02 | | 286 | 8 | 26 GU | 08 | 35/33/39 |
| 6100201-3 | 61.01 | 5.00 | 02 | | 127 | 8 | 26 GU | 08 | 35/33/39 |
| 6100203 | 70.6 | 03 | | 61 12/85 | AG GM | 2 | C & G GROVES | | |
| 6100203-1 | 61.01 | 6.00 | 02 | | 239 | 7 | 26 GU | 08 | 30/33/39 |
| 6100203-2 | 61.01 | 6.00 | 02 | | 501 | 7 | 26 GU | 08 | 30/33/39 |
| 6100205 | 28.0 | 03 | | 61 8/85 | AG GM | 1 | ELLIOTT & JOHNSON VERO BEACH | | |
| 6100205-1 | 61.02 | 10.00 | 02 | | 1725 | 8 | 25 GU | 08 CAP-EST. | 32/33/39 |
| 6100205-2 | 61.01 | 10.00 | 02 | 700 | 1725 | 8 | 25 GU | 08 " | 32/33/39 |
| 6100206 | 54.1 | 03 | | 61 9/82 | AG GM | 1 | ELLIOTT & JOHNSON | | |
| 6100206-1 | 61.01 | 10.00 | 02 | | 1429 | 3 | 27 GU | 08 | 03/33/39 |
| 6100207 | 37.7 | 03 | | 61 3/87 | AG GM | 3 | VERO GROVE DEV. CORP. | | |
| 6100207-1 | 01 | 4.00 | 02 | | 100 | 7 | 30 GU | 08 CAP-EST. | 30/33/40 |
| 6100207-2 | 01 | 4.00 | 02 | | 100 | 7 | 30 GU | 08 " | 30/33/40 |
| 6100207-3 | 01 | 4.00 | 02 | | 100 | 7 | 30 GU | 08 " | 30/33/40 |
| 6100209 | 44.5 | 03 | | 61 5/85 | AG GM | 1 | EVANS PROPERTIES & GROVES | | |
| | | | | | | | | | 08 13 0.8 31 223 0.50 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL UNIT NO. | MAX UTS. CO ISS. | DATE USE SRC.NO. | SW |
|------------|--------------|------------------|------------------|----|
|------------|--------------|------------------|------------------|----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. WELL NO. SISDIA. | DPTH PUMP TYPE | PMP PUMP CODE TO CD INT TYPE CAP. MTR? | ROW COLUMN SRC AQ. | COMMENTS | S / T / R |
|------------|-----------------|------------------------|----------------|--|--------------------|----------|-----------|
|------------|-----------------|------------------------|----------------|--|--------------------|----------|-----------|

| | | | | | | | | |
|------------|-------|---------|-------|----------------|---------------|------------------------|------------------------------|----------|
| 6100209-1 | 60 01 | 8.00 02 | | 575 | 8 | 18 GU | 08 CAP.EST. | 31/33/38 |
| 6100211 | 13.8 | 03 | 61 01 | 5.00 02 | 61 5/85 AG GU | 2 | WILLIAM & FRANCES GRAVES III | |
| 6100211-1 | 61 01 | | | | 250 | 7 | 25 GU 08 CAP.EST. | 29/33/39 |
| 6100211-2 | 61 01 | 5.00 02 | | | 250 | 7 | 25 GU 08 " | 29/33/39 |
| 6100214 | 204.6 | 03 | | 61 12/85 AG GU | 5 | ESTATE OF C. RAY HOGAN | | |
| 6100216-1 | 61 01 | 8.00 02 | | 681 | 7 | 25 GU 08 | 29/31,32/33/39 | |
| 6100214-2 | 61 01 | 8.00 02 | | 471 | 7 | 25 GU 08 | 29/31,32/33/39 | |
| 6100214-3 | 61 01 | 8.00 02 | | 383 | 8 | 26 GU 08 | 29/31,32/33/39 | |
| 6100214-4 | 61 01 | 8.00 02 | | 1201 | 6 | 25 GU 08 | 29/31,32/33/39 | |
| 6100214-5 | 61 01 | 8.00 02 | | 225 | 8 | 26 GU 08 | 29/31,32/33/39 | |
| 6100215 | 9.6 | 03 | | 61 10/82 AG GU | 1 | ESTATE OF C. RAY HOGAN | | |
| 6100215-1 | 01 | 02 | | 250 | 7 | 23 GU 08 CAP.EST. | 25/33/38 | |
| 6100216 | 325.3 | 03 | | 3.00 02 600 | 3/87 AG GU | 1 | DESIRE AND JOHANNA KROMHOUT | |
| 6100216-1 | 01 | | | 100 | 2 | 17 GU 08 CAP.EST. | 36/01/32/33/37 | |
| 6100220 | 144.9 | 03 | | 61 4/85 AG GU | 14 | W.C. GRAVES JR. | | |
| 6100220-1 | 61 01 | 4.00 02 | | 38 | 5 | 26 GU 08 | 18/33/39 | |
| 6100220-10 | 61 01 | 4.00 02 | | 125 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-11 | 61 01 | 8.00 02 | | 305 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-12 | 61 01 | 8.00 02 | | 125 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-13 | 61 01 | 8.00 02 | | 75 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-14 | 61 01 | 4.00 02 | | 125 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-2 | 61 01 | 4.00 02 | | 176 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-3 | 61 01 | 4.00 02 | | 38 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-4 | 61 01 | 4.00 02 | | 38 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-5 | 61 01 | 4.00 02 | | 176 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-6 | 61 01 | 4.00 02 | | 375 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-7 | 61 01 | 4.00 02 | | 625 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-8 | 61 01 | 4.00 02 | | 176 | 5 | 24 GU 08 | 18/33/39 | |
| 6100220-9 | 61 01 | 4.00 02 | | 125 | 5 | 24 GU 08 | 18/33/39 | |

| | | | | | | | | | | |
|---------|-----------|-------|------|----------------|------|--------------------------|-------------|-------------|------------------|----------|
| 6100231 | 6100231-1 | 132.5 | 03 | 61 0/86 AG GW | 5 | FIRST VERO GROVE LTD. | 08 CAP.EST. | 21/33/39 | 08 13 0.8 31 | |
| | 6100231-2 | 61 01 | 4.00 | 02 | 100 | 6 | 26 GW | 08 " | 21/33/39 | |
| | 6100231-3 | 61 01 | 4.00 | 02 | 100 | 6 | 26 GW | 08 " | 21/33/39 | |
| | 6100231-4 | 61 01 | 4.00 | 02 | 100 | 6 | 26 GW | 08 " | 21/33/39 | |
| | 6100231-5 | 61 01 | 4.00 | 02 | 100 | 6 | 26 GW | 08 " | 21/33/39 | |
| 6100232 | 6100232-1 | 56.3 | 03 | 61 7/87 AG GW | 6 | DANALD H. MCALLISTER | 08 CAP.EST. | 32/33/39 | 08 13 0.8 31 | |
| | 6100232-2 | 61 01 | 6.00 | 02 | 1000 | 8 | 25 GW | 08 " | 32/33/39 | |
| | 6100232-3 | 61 01 | 6.00 | 02 | 1000 | 8 | 25 GW | 08 " | 32/33/39 | |
| | 6100232-4 | 61 01 | 6.00 | 02 | 1000 | 8 | 25 GW | 08 " | 32/33/39 | |
| | 6100232-5 | 61 01 | 6.00 | 02 | 1000 | 8 | 25 GW | 08 " | 32/33/39 | |
| | 6100232-6 | 61 01 | 6.00 | 02 | 1000 | 8 | 25 GW | 08 " | 32/33/39 | |
| | 6100232-7 | 61 02 | 6.00 | 02 | 950 | 8 | 25 GW | 08 " | 32/33/39 | |
| 6100233 | 6100233-1 | 10.2 | 03 | 61 12/87 AG GW | 5 | VERO BEACH, INC. | 08 CAP.EST. | 31/33/39 | 08 13 0.8 31 | |
| | 6100233-2 | 61 01 | 4.00 | 02 | 100 | 8 | 24 GW | 08 " | 31/33/39 | |
| | 6100233-3 | 61 01 | 4.00 | 02 | 100 | 8 | 24 GW | 08 " | 31/33/39 | |
| | 6100233-4 | 61 01 | 4.00 | 02 | 100 | 8 | 24 GW | 08 " | 31/33/39 | |
| | 6100233-5 | 61 01 | 4.00 | 02 | 100 | 8 | 24 GW | 08 " | 31/33/39 | |
| | 6100233-6 | 61 01 | 4.00 | 02 | 950 | 8 | 24 GW | 08 " | 31/33/39 | |
| 6100235 | 6100235-1 | 41.4 | 03 | 61 2/85 AG GW | 2 | EDWIN PRANGE | 08 CAP.EST. | 31/33/35 | 08 13 0.8 31 | |
| | 6100235-2 | 61 01 | 8.00 | 02 | 575 | GW | 08 " | 31/33/35 | 08 13 0.8 31 | |
| | 6100237-1 | 13.8 | 03 | 61 3/83 AG GW | 1 | R.H. GRAVES | 08 CAP.EST. | 35/33/38 | 08 13 0.8 31 | |
| 225 | 6100238 | 33.1 | 03 | 61 3/83 AG GW | 2 | SIDNEY M. BANACK JR. | 08 CAP.EST. | 32/33/39 | 08 13 0.8 31 | |
| | 6100238-1 | 61 01 | 6.00 | 02 | 250 | 8 | 25 GW | 08 " | 32/33/39 | |
| | 6100238-2 | 61 01 | 6.00 | 02 | 250 | 8 | 25 GW | 08 " | 32/33/39 | |
| 6100242 | 6100242-1 | 33.1 | 03 | 61 3/87 AG GW | 2 | THOMAS & MARY SIE BARNES | 08 CAP.EST. | 29,32/33/39 | 08 13 0.8 31 | |
| | 6100242-2 | 61 01 | 6.00 | 02 | 250 | 7 | 25 GW | 08 " | 29,32/33/39 | |
| | 6100244 | 13.0 | 03 | 61 12/88 AG GW | 1 | PERRY LYNN | 08 CAP.EST. | 34/33/38 | 08 13 0.8 31 | |
| | 6100244-A | 60 01 | 6.00 | 02 | 200 | 8 | 21 GW | 08 " | 34/33/38 | |
| 6100245 | 6100245-1 | 23.0 | 03 | 61 12/82 AG GW | 4 | ROCKPORT GROVES | 08 CAP.EST. | 15/33/38 | 08 13 0.8 31 | |
| | 6100245-2 | 60 01 | 8.00 | 02 | 300 | 5 | 21 GW | 08 " | 15/33/38 | |
| | 6100245-3 | 60 01 | 8.00 | 02 | 150 | 5 | 21 GW | 08 " | 15/33/38 | |
| | 6100245-4 | 60 01 | 8.00 | 02 | 150 | 5 | 21 GW | 08 " | 15/33/38 | |
| | 6100246 | 23.0 | 03 | 61 12/82 AG GW | 1 | ROCKPORT GROVES | 08 CAP.EST. | 10/33/38 | 08 13 0.8 31 | |
| | 6100246-1 | 04 | 01 | 10.00 | 02 | 750 | 4 | 21 GW | 08 " | 10/33/38 |
| 6100246 | | | | | | | | | CLIFFORD W. BALL | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL MAX UNIT NO. | MO. UTS. CO NO. ISS. TYPE | DATE USE SRC NO. SW | CO PERMIT NO. | DEV NO. | CROP TYPE | IRR ST | IRR ACRES EFF |
|------------|------------------|---------------------------|---------------------|---------------|---------|-----------|--------|---------------|
|------------|------------------|---------------------------|---------------------|---------------|---------|-----------|--------|---------------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. SISDIA. | DPTH CODE ID | PUMP CD INT | PUMP TYPE CAP. MTR? | ROW COLUMN | SRC AQ. | COMMENTS | S / T / R |
|------------|-----------------|-------------------|--------------|-------------|---------------------|------------|---------|----------|-----------|
|------------|-----------------|-------------------|--------------|-------------|---------------------|------------|---------|----------|-----------|

| | | | | | | | | | |
|-----------|-------|-------|--------|----------------|---------------|----------------------|----------------------|-------------|-------------|
| 6100248-A | 60 01 | | 02 450 | | 250 | 6 | 22 GW | 08 CAP.EST. | 23/33/38 |
| 6100249 | 100.0 | 03 | | 2/89 AG GW | 1 | CLIFFORD W. BALL | 6 | 24 GW | 08 |
| 6100249-A | 61 01 | | 02 800 | | 305 | | | | 19/33/39 |
| 6100251 | 57.1 | 03 | 12.00 | 02 900 | 61 3/83 GW | 1 | DR. E. V. ATKINS | 4 | 17 SW 08 |
| 6100251-1 | 60 | | | | 400 | | | | 12/33/37 |
| 6100253 | 143.9 | 03 | | 61 12/85 AG GW | 1 | WILLIAM G. ROE | 6 | 17 GW | 08 |
| 6100253-1 | 60 01 | 10.00 | | | 4000 | | | | 24/33/37 |
| 6100255 | 26.3 | 03 | 6.00 | 02 610 | 61 8/85 AG GW | 1 | ALEX MACWILLIAMS JR. | 8 | 23 GW 08 |
| 6100255-1 | 61 01 | | | | 50 | | | | 36/33/36 |
| 6100262 | 10.8 | 03 | 8.00 | 02 900 | 61 2/83 AG GW | 2 | R. W. GRAVES | 4 | 21 GW 08 |
| 6100262-1 | 60 01 | | | | 429 | | | | 10/33/38 |
| 6100262-2 | 60 01 | 8.00 | 02 900 | | 429 | | | | 10/33/38 |
| 6100263 | 19.0 | 03 | | 61 5/86 AG GW | 5 | CENTRAL GROVES INC. | 3 | 26 GW | 08 |
| 6100263-1 | 01 | 2.00 | 02 | | 75 | | | | 04/33/39 |
| 6100263-2 | 01 | 2.00 | 02 | | 75 | | | | 04/33/39 |
| 6100263-3 | 01 | 2.00 | 02 | | 210 | | | | 04/33/39 |
| 6100263-4 | 01 | 2.00 | 02 | | 75 | | | | 04/33/39 |
| 6100263-5 | 01 | 2.00 | 02 | | 306 | | | | 04/33/39 |
| 6100266 | 33.1 | 03 | | 61 8/85 AG GW | 4 | HENSICK GROVES INC. | 3 | 26 GW | 08 |
| 6100266-1 | 61 01 | 6.00 | 02 | | 442 | | | | 39/33/39 |
| 6100266-2 | 61 01 | 6.00 | 02 | | 194 | | | | 39/33/39 |
| 6100266-3 | 61 01 | 6.00 | 02 | | 2781 | | | | 39/33/39 |
| 6100266-4 | 61 01 | 6.00 | 02 | | 327 | | | | 39/33/39 |
| 6100267 | 36.4 | 03 | | 61 10/85 AG GW | 1 | WALLACE A. MOORE JR. | 7 | 22 GW | 08 CAP.EST. |
| 6100267-1 | 60 01 | 8.00 | 02 | | 575 | | | | 26/33/38 |
| 6100269 | 12.8 | 03 | | 61 11/85 AG GW | 7 | M. H. PENNEY | | | |

| | | | | | | | | | | | | | | | |
|-----------|-----------|-------|-------|----------------|-------|------------------------------|----|----|--------------|--------------|----------|-----|-----|----------|----------|
| 6100269-1 | 61 01 | 8.00 | 02 | | 300 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100269-2 | 61 01 | 8.00 | | | 310 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100269-3 | 61 01 | 8.00 | | | 326 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100269-4 | 61 01 | 8.00 | | | 309 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100269-5 | 61 01 | 8.00 | | | 312 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100269-6 | 61 01 | 8.00 | | | 171 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100269-7 | 61 01 | 8.00 | | | 165 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100275 | 6100275-1 | 37.6 | 03 | 61 10/85 AG GW | 6 | GEORGE S. LAMBERTH | 6 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 |
| | 6100275-2 | 61 01 | 5.00 | 02 | 324 | 6 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| | 6100275-3 | 61 01 | 5.00 | 02 | 159 | 6 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| | 6100275-4 | 61 01 | 5.00 | 02 | 159 | 6 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| | 6100275-5 | 61 01 | 5.00 | 02 | 159 | 6 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| | 6100275-6 | 61 01 | 5.00 | 02 | 422 | 6 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 134 0.50 | |
| 6100276 | 6100276-1 | 157.7 | 03 | 61 2/89 AG GW | 3 | 1 GEORGE & LADONICE LAMBERTH | 6 | 18 | GW | 08 CAP. EST. | 08 | 13 | 0.8 | 31 | 120 0.85 |
| | 6100276-2 | 61 01 | 02 | | 250 | 6 | 18 | GW | 08 CAP. EST. | 08 | 13 | 0.8 | 31 | 120 0.85 | |
| | 6100276-3 | 61 01 | 02 | | 250 | 6 | 18 | GW | 08 CAP. EST. | 08 | 13 | 0.8 | 31 | 120 0.85 | |
| 6100277 | 6100277-1 | 144.9 | 03 | 61 2/89 AG GW | 5 | GEORGE LAMBERTH JR. | 3 | 19 | GW | 08 CAP. EST. | 08 | 13 | 0.8 | 31 | 280 0.85 |
| | 6100277-A | 01 | 8.00 | 02 850 | 575 | 3 | 19 | GW | 08 CAP. EST. | 04 | 05/33/38 | | | | |
| | 6100277-B | 01 | 8.00 | 02 850 | 575 | 3 | 19 | GW | 08 " | 04 | 05/33/38 | | | | |
| | 6100277-C | 01 | 4.00 | 02 850 | 100 | 3 | 19 | GW | 08 " | 04 | 05/33/38 | | | | |
| | 6100277-D | 01 | 8.00 | 02 850 | 575 | 3 | 20 | GW | 08 " | 04 | 05/33/38 | | | | |
| | 6100277-E | 02 | 12.00 | 02 900 | 2000 | 3 | 20 | GW | 08 | 04 | 05/33/38 | | | | |
| | 6100277-A | 01 | ... | ... | 12700 | 3 | 20 | SW | 99 PUMP | | | | | | |
| 6100278 | 6100278-1 | 31.0 | 03 | 61 7/85 AG GW | 3 | THE PACKERS OF INDIAN RIVER | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 60 0.85 |
| | 6100278-2 | 61 01 | 6.00 | 02 850 | 100 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 60 0.85 | |
| | 6100278-3 | 61 01 | 6.00 | 02 850 | 150 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 60 0.85 | |
| | 6100278-4 | 61 01 | 6.00 | 02 1200 | 650 | 7 | 26 | GW | 08 | 08 | 13 | 0.8 | 31 | 60 0.85 | |
| 6100280 | 6100280-1 | 3.7 | 03 | 61 11/85 AG GW | 1 | MURRY CAPAZZO | 5 | 24 | GW | 08 CAP. EST. | 18/33/39 | | | | |
| | 6100280-2 | 60 01 | 6.00 | 02 900 | 250 | 5 | 24 | GW | 08 CAP. EST. | 18/33/39 | | | | | |
| 6100281 | 6100281-1 | 51.8 | 03 | 61 5/85 AG GW | 2 | MRS. LLOYD KNIGHT | 8 | 21 | GW | 08 CAP. EST. | 34/33/38 | | | | |
| | 6100281-2 | 60 01 | 6.00 | | 250 | 8 | 21 | GW | 08 CAP. EST. | 34/33/38 | | | | | |
| 6100283 | 6100283-1 | 21.1 | 03 | 61 7/85 AG GW | 1 | ROSALIE HEARST | 8 | 16 | GW | 08 CAP. EST. | 35/33/37 | | | | |
| | 6100283-2 | 60 01 | 8.00 | 02 1000 | 575 | 8 | 16 | GW | 08 CAP. EST. | 35/33/37 | | | | | |
| 6100284 | 6100284-1 | 49.6 | 03 | 61 7/85 AG GW | 1 | DUMENEYSTEIN CORP. | 8 | 17 | GW | 08 CAP. EST. | 36/33/37 | | | | |
| | 6100284-2 | 60 01 | 10.00 | 02 1000 | 850 | 8 | 17 | GW | 08 CAP. EST. | 36/33/37 | | | | | |
| 6100285 | 6100285-1 | 32.4 | 03 | 61 10/85 AG GW | 1 | WAYNE L. TITZEL | 7 | 17 | GW | 08 CAP. EST. | 25/33/37 | | | | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | DATE USE SRC. MD. SW UTS. CO ISS. TYPE M.S. PMS | OWNER | CO PERMIT NO. | DEV NO. | AQ TYPE | ST ACRES | IRR IRR EFF |
|------------|----------|------------------|---|-------|---------------|---------|---------|----------|-------------|
|------------|----------|------------------|---|-------|---------------|---------|---------|----------|-------------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. STSDIA. | DPTN CODE TD | PMP INT TYPE CAP. MTR? | ROW COLUMN SRC AQ. | COMMENTS | S / T / R |
|------------|-----------------|-------------------|--------------|------------------------|--------------------|----------|-----------|
|------------|-----------------|-------------------|--------------|------------------------|--------------------|----------|-----------|

| 6100287 | 6100287-1 | 46.2 | 03 | 10.00 | 02 1000 | 61 12/85 AG GW | 2 | DUNNEYSTEIN; GLAZER & CURTIS | | 08 | 13 | 0.8 | 31 | 77 0.50 | |
|---------|-----------|-------|------|-------|---------|----------------|---|------------------------------|--|----------|----|-----|-----|---------|---------|
| 6100288 | 6100288-1 | 44.6 | 03 | 6.00 | | 61 3/86 AG GW | 1 | LLOYD KNIGHT (MRS.) | | 09/33/38 | | 13 | 0.8 | 31 | 95 0.85 |
| 6100299 | 6100299-1 | 66.2 | 03 | 8.00 | 02 | 61 4/87 AG GW | 1 | WILLIAM CORB | | | | 13 | 0.8 | 31 | 80 0.50 |
| 6100300 | 6100300-1 | 13.3 | 03 | 6.00 | | 61 1/84 AG GW | 1 | BARNETT GREEN JR. | | 27/33/38 | | 13 | 0.8 | 31 | 80 .85 |
| 6100301 | 6100301-1 | 16.4 | 03 | 6.00 | | 61 1/84 AG GW | 1 | GRIFFIN GREEN | | 26/33/38 | | 13 | 0.8 | 31 | |
| 6100307 | 6100307-1 | 276.1 | 03 | 6.00 | 02 800 | 61 4/84 AG GW | 1 | PHILLIP R. HELSETH | | 31/33/39 | | 13 | 0.8 | 31 | 40 .85 |
| 6100309 | 6100309-1 | 4.44 | 03 | 6.00 | 02 960 | 61 2/84 AG GW | 1 | ELTON E. RYALL | | 30/33/40 | | 13 | 0.4 | 31 | 40 .50 |
| 6100311 | 6100311-1 | 25.1 | 03 | 6.00 | | 61 4/86 AG GW | 2 | CHARLES SEXTON | | 04/33/38 | | 13 | 0.8 | 31 | 29 .85 |
| | 6100311-2 | 61.01 | 6.00 | | | | | | | | | | | | |
| 6100312 | 6100312-1 | 16.1 | 03 | 8.00 | | 61 4/86 AG GW | 1 | R.W. GRAVES INC. | | 26/33/39 | | 13 | 0.8 | 31 | 75 .50 |
| | | | | | | | | | | 28/33/39 | | | | | |
| 6100315 | 6100315-1 | 33.8 | 03 | 8.00 | 02 600 | 61 4/84 AG GW | 1 | COONEY MILES B. | | 27/33/38 | | 13 | 0.8 | 31 | 49 .50 |
| 6100316 | 6100316-1 | 19.5 | 03 | 59.01 | 12.00 | 61 8/86 AG GW | 1 | ALGEN CORP. | | 04/33/38 | | 13 | 0.8 | 31 | 75 .85 |
| 6100317 | | 20.64 | 03 | | | | | WILLIAM L. NICHOLAS | | 09/33/37 | | 13 | 0.8 | 31 | 40 .85 |

| | | | | | | | | | | |
|------------|------------|------|------|------|-------|-------|------|--------------------------------|--------------------------------|-------------------------|
| 6100317-1 | 60 01 | 6.00 | 02 | 900 | 500 | 4 | 21 | GW | 08 | 10/33/38 |
| 6100318 | 24.98 | 03 | 6.00 | 5/84 | AG | GW | 1 | PATES #83 GROVE | | |
| 6100318-2 | 60 01 | 6.00 | 02 | 900 | 403 | 4 | 21 | GW | 08 | 10/33/38 |
| 6100319 | 710.4 | 03 | 61 | 7/84 | MIN | SW | 1 | INDIAN RIVER CO. LIREWCO | | |
| 6100321 | 6100321-10 | 164 | 03 | 61 | 5/84 | GLF | BOTH | 8 | VISTA PROPERTIES OF VERO BEACH | |
| 6100321-11 | 61 01 | 4.00 | 02 | | 205 | 5 | 30 | GW | 08 | 1/2 G.M., 1/2 S.W. |
| 6100321-12 | 61 01 | 4.00 | 02 | | 425 | 5 | 30 | GW | 08 | 18 19/33/40 |
| 6100321-13 | 61 01 | 4.00 | 02 | | 186 | 5 | 30 | GW | 08 | 18 19/33/40 |
| 6100321-6 | 61 01 | 4.00 | 02 | | 205 | 5 | 30 | GW | 08 | 18 19/33/40 |
| 6100321-7 | 61 01 | 4.00 | 02 | | 222 | 6 | 30 | GW | 08 | 18 19/33/40 |
| 6100321-8 | 61 01 | 4.00 | 02 | | 205 | 6 | 30 | GW | 08 | 18 19/33/40 |
| 6100321-9 | 61 01 | 4.00 | 02 | | 212 | 6 | 30 | GW | 08 | 18 19/33/40 |
| 6100328 | 6100328-1 | 1.4 | 03 | 61 | 6/84 | AG | GW | 1 | FRANK G. BARATTA | |
| 6100328 | 6100328-1 | 01 | 6.00 | 02 | 1326 | 3 | 23 | GW | 08 | 01/33/38 |
| 6100329 | 83.74 | 03 | 8.00 | 02 | 61 | 11/86 | AG | GW | 2 | 4 BEN HILL GRIFFIN INC. |
| 6100329-1 | 59 | 03 | 8.00 | 02 | 800 | 575 | 6 | 13 | GW | 08 MULTI ACRE |
| 6100329-2 | 59 | 01 | 8.00 | 02 | 800 | 575 | 6 | 13 | GW | 08 .2 |
| 6100329-2 | 59 | 01 | | | 2000 | 6 | 13 | SW | 99 | 20/33/37 |
| 6100331 | 6100331-1 | 20.7 | 03 | 61 | 11/86 | AG | GW | 1 | JACKSON BROS. GROVES | |
| 6100331 | 61 01 | 8.00 | 02 | | 575 | 5 | 24 | GW | 08 CAP. EST. | 18/33/39 |
| 6100333 | 68.43 | 03 | 61 | 9/88 | GLF | BOTH | 14 | VISTA PROPERTIES OF VERO BEACH | | |
| 6100333-A | 01 | 02 | | | 376 | 3 | 24 | GW | 08 | 06/33/39 |
| 6100333-B | 04 | 02 | | | 280 | 3 | 24 | GW | 08 | 06/33/39 |
| 6100333-C | 01 | 02 | | | 482 | 3 | 24 | GW | 08 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 492 | 3 | 24 | GW | 08 | 06/33/39 |
| 6100333-A | 01 | 02 | | | 500 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 492 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-B | 01 | 02 | | | 500 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 492 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-C | 01 | 02 | | | 250 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 492 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 180 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 492 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 180 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-E | 01 | 02 | | | 180 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-D | 01 | 02 | | | 492 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100333-F | 01 | 02 | | | 180 | 3 | 24 | SW | 99 | 06/33/39 |
| 6100334 | 68.38 | 03 | 61 | 8/84 | GLF | GW | 5 | VISTA PROPERTIES OF VERO BEACH | | |
| 6100334-1 | 61 01 | 3.00 | 02 | | 93 | 5 | 29 | GW | 08 | 13, 18/33/39, 40 |
| 6100334-2 | 61 01 | 3.00 | 02 | | 212 | 5 | 29 | GW | 08 | 13, 18/33/39, 40 |
| 6100334-3 | 61 01 | 3.00 | 02 | | 96 | 5 | 30 | GW | 08 | 13, 18/33/39, 40 |
| 6100334-4 | 61 01 | 3.00 | 02 | | 186 | 5 | 30 | GW | 08 | 13, 18/33/39, 40 |
| 6100334-5 | 61 01 | 3.00 | 02 | | 186 | 5 | 30 | GW | 08 | 13, 18/33/39, 40 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL MAX UNIT NO. | DATE USE SRC. NO. | SU | CROP SOIL RAIN IRR IRR |
|------------|-------------------|-------------------|-------|--|
| PERMIT NO. | UTS. CO ISS. TYPE | W.L.S. PWS | OWNER | CO PERMIT NO. DEV NO. AQ TYPE ST ACRES EFF |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL NO. | DPTN CODE | ID | PUMP CD INT TYPE CAP. MWT? | ROW COLUMN SRC AQ. | COMMENTS | S / T / R |
|------------|-----------------|-----------|----------|-----------|----|----------------------------|--------------------|----------|-----------|
|------------|-----------------|-----------|----------|-----------|----|----------------------------|--------------------|----------|-----------|

| | | | | | | | | | | |
|---------|-----------|-------|-------|----|---------------|----------------|----------------------|-----------------|-----------------------|-------------|
| 6100337 | 6100337-1 | 15.8 | 03 | | 0.00 | 02 1000 | 61 2/87 AG GW | 1 | WILLIAM T. BRADY | |
| 6100340 | 6100340-1 | 37.2 | 03 | | 0.00 | 61 12/86 AG GW | 1 | 1 DICK SIMONETT | 21 GW 08 CAP. EST. | 35/33/37 |
| 6100341 | 6100341-1 | 27.1 | 03 | | 0.00 | 61 3/87 AG GW | 1 | W.E. ORTH | | 15/33/38 |
| 6100344 | 6100344-1 | 21.4 | 03 | | 0.00 | 61 3/87 AG GW | 2 | F.G. BARATTA | 21 GW 08 | 34/33/38 |
| | 6100344-2 | 01 | 01 | | 6.00 | 02 | 250 | 3 | 24 GW 08 CAP. EST. | 06/33/39 |
| | 6100347 | 2.6 | 03 | | 6.00 | 02 | 250 | 3 | 24 GW 08 " | 06/33/39 |
| 6100351 | 6100347-1 | 61.01 | 01 | | 6.00 | 02 | 250 | 7 | 24 GW 08 CAP. EST. | 30/33/39 |
| | 6100351-2 | 61.01 | 01 | | 6.00 | 02 | 250 | 7 | 24 GW 08 " | 30/33/39 |
| 6100358 | 6100358-1 | 5.8 | 03 | | 61 3/87 AG GW | 2 | THOMAS BARNES | | | |
| | 6100351-1 | 61.01 | 04.00 | 02 | 4.00 | 02 | 100 | 6 | 27 GW 08 CAP. EST. | 10/33/39 |
| | 6100351-2 | 61.01 | 04.00 | 02 | 4.00 | 02 | 100 | 6 | 27 GW 08 " | 10/33/39 |
| 6100365 | 6100358-1 | 10.1 | 03 | | 61 8/85 AG GW | 1 | J.E. WASHBURN | | | |
| | 6100358-1 | 60.01 | 0.00 | | 6.00 | 61 4/85 AG GW | 250 | 5 | 20 GW 08 CAP. EST. | 10/33/38 |
| 6100367 | 6100365-1 | 14.7 | 03 | | 02 760 | 02 1100 | 20 | 6 | 25 GW 08 | 08/33/39 |
| | 6100365-2 | 61.01 | 02 | | 02 760 | 02 1100 | 20 | 6 | 25 GW 08 | 20/33/39 |
| 6100368 | 6100367-1 | 253 | 03 | | 61 5/85 AG GW | 1 | PRISCILLA AMERIKANDS | | | |
| | 6100367-1 | 59.01 | 6.00 | 02 | 6.00 | 61 5/85 AG GW | 600 | 8 | 13 GW 08 | 32 33/33/37 |
| 6100368 | 6100368-1 | 243.0 | 03 | | 8.00 | 02 1100 | 61 3/85 AG GW | 1 | EVANS PROPERTIES INC. | |
| | 6100368-1 | 59.01 | 8.00 | 02 | 8.00 | 600 | 7 | 13 GW 08 | EVANS PROPERTIES INC. | 08/33/37 |
| 6100369 | | 210.7 | 03 | | | | 61 3/85 AG GW | 1 | E.B. GROVES INC. | 08/33/37 |

| | | | | | | | |
|----------------|-------|-------|--------|------|--|---------------------|----------|
| 6100369-1 | 60 01 | 12.00 | 02 995 | 4300 | 8 | 18 GM 08 | 31/33/38 |
| 6100374 20.5 | 61 03 | 6.00 | 02 800 | 1 | JOHN SHERRY | 20/33/39 | |
| 6100374-1 | 61 01 | 6.00 | 02 800 | 250 | 6 25 GM 08 CAP.EST. | 20/33/39 | |
| 6100375 16.6 | 61 03 | 6.00 | 02 785 | 250 | L. RALPH POPPELL | 29/33/39 | |
| 6100375-1 | 61 01 | 6.00 | 02 785 | 250 | 7 25 GM 08 CAP.EST. | 29/33/39 | |
| 6100375-2 | 61 01 | 6.00 | 02 785 | 250 | 7 25 GM 08 " | 29/33/39 | |
| 6100376 39.7 | 61 03 | 6.00 | 02 785 | 1 | L. RALPH POPPELL | 22/33/39 | |
| 6100376-1 | 61 01 | 6.00 | 02 785 | 353 | 6 27 GM 08 | 22/33/39 | |
| 6100376-2 | 61 01 | 6.00 | 02 785 | 196 | 6 27 GM 08 | 22/33/39 | |
| 6100376-3 | 61 01 | 6.00 | 02 785 | 172 | 6 27 GM 08 | 22/33/39 | |
| 6100376-4 | 61 01 | 6.00 | 02 785 | 200 | 6 27 GM 08 | 22/33/39 | |
| 6100377 2.8 | 61 03 | 6.00 | 02 785 | 2 | HURLEY ROUND TREE | 08 13 0.8 31 18 .85 | |
| 6100377-1 | 61 01 | 6.00 | 02 785 | 250 | 6 27 GM 08 CAP.EST. | 22/33/39 | |
| 6100377-2 | 61 01 | 6.00 | 02 785 | 250 | 6 27 GM 08 " | 22/33/39 | |
| 6100378 3.9 | 61 03 | 6.00 | 02 785 | 1 | HURLEY ROUND TREE | 08 13 0.8 31 18 .85 | |
| 6100378-1 | 60 01 | 6.00 | 02 785 | 250 | 6 21 GM 08 CAP.EST. | 22/33/38 | |
| 6100382 2.71 | 61 03 | 6.00 | 02 785 | 1 | HURLEY ROUND TREE | 08 13 0.8 31 18 .85 | |
| 6100382-1 | 60 01 | 6.00 | 02 785 | 250 | 6 21 GM 08 PUMP CLOSED,CAP.EST22/33/38 | 08 13 0.8 31 18 .85 | |
| 6100383 12.1 | 61 03 | 4.00 | 02 785 | 2 | WM. HENSTICK & SONS INC. | 16/33/39 | |
| 6100383-1 | 61 01 | 4.00 | 02 785 | 100 | 5 26 GM 08 CAP.EST. | 16/33/39 | |
| 6100383-2 | 61 01 | 4.00 | 02 785 | 100 | 5 26 GM 08 " | 16/33/39 | |
| 23 6100384 5.1 | 60 03 | 6.00 | 02 785 | 1 | HOWARD MILLER-PRINCE | 22/33/39 | |
| 6100384-1 | 60 01 | 6.00 | 02 785 | 575 | 6 21 GM 08 CAP.EST. | 22/33/39 | |
| 6100386 7.06 | 61 03 | 6.00 | 02 785 | 1 | OWEN C. JOHNSON | 16/33/39 | |
| 6100386-1 | 61 01 | 6.00 | 02 785 | 250 | 5 26 GM 08 CAP.EST. | 16/33/39 | |
| 6100387 6.95 | 61 03 | 6.00 | 02 785 | 1 | ED & RUTH ELLIOTT & J. JOHNSON | 20/33/39 | |
| 6100387-1 | 61 01 | 6.00 | 02 785 | 250 | 6 25 GM 08 CAP.EST. | 20/33/39 | |
| 6100388 7.17 | 61 03 | 6.00 | 02 790 | 1 | ED & RUTH ELLIOTT & J. JOHNSON | 18/33/39 | |
| 6100388-1 | 61 01 | 6.00 | 02 790 | 150 | 5 24 GM 08 | 18/33/39 | |
| 6100389 7.06 | 61 03 | 6.00 | 02 795 | 1 | ELLIOTT JOHNSON GROVES INC. | 18/33/39 | |
| 6100389-1 | 61 01 | 6.00 | 02 795 | 575 | 5 24 GM 08 CAP.EST. | 18/33/39 | |
| 6100390 52.6 | 61 03 | 6.00 | 02 795 | 17 | RIONAR COUNTRY CLUB | 02 15 0.4 31 58 .75 | |
| 6100390-1 | 61 01 | 2.00 | 02 795 | 60 | 3 31 GM 02 | 05/33/40 | |
| 6100390-10 | 61 01 | 2.00 | 02 795 | 60 | 3 31 GM 02 | 05/33/40 | |
| 6100390-11 | 61 01 | 2.00 | 02 795 | 60 | 3 31 GM 02 | 05/33/40 | |
| 6100390-12 | 61 01 | 2.00 | 02 795 | 60 | 3 31 GM 02 | 05/33/40 | |
| 6100390-13 | 61 01 | 2.00 | 02 795 | 40 | 3 31 GM 02 | 05/33/40 | |
| 6100390-14 | 61 01 | 2.00 | 02 795 | 40 | 3 31 GM 02 | 05/33/40 | |
| 6100390-15 | 61 01 | 2.00 | 02 795 | 40 | 3 31 GM 02 | 05/33/40 | |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL MAX UNIT NO. | DATE USE SRC.NO. ISS. CO UTS. CO | SV | CROP | SOIL | RAIN | IRR | IRR |
|------------|------------------|----------------------------------|----|------|------|------|-----|-----|
| AN. ALL. | | | | | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. | WELL SIS/DIA. | DPTH | PUMP CODE TD | PUMP CD INT TYPE CAP. | PUMP MTR? | ROW COLUMN SRC AG. | COMENTS | \$ / T / R |
|------------|-----------------|-----------|---------------|------|--------------|-----------------------|-----------|--------------------|---------|------------|
|------------|-----------------|-----------|---------------|------|--------------|-----------------------|-----------|--------------------|---------|------------|

| | | | | | | | | | | |
|------------|-------|-------|----|-----------------|------|--|--|---|--------------|----------|
| 6100390-16 | 01 | 2.00 | 02 | 18 | 40 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-17 | 01 | 2.00 | 02 | 800 | 75 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-2 | 01 | 2.00 | 02 | 19 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-3 | 01 | 2.00 | 02 | 18 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-4 | 01 | 2.00 | 02 | 20 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-5 | 01 | 2.00 | 02 | 21 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-6 | 01 | 2.00 | 02 | 20 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-7 | 01 | 2.00 | 02 | 22 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-8 | 01 | 2.00 | 02 | 20 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100390-9 | 01 | 2.00 | 02 | 22 | 60 | | | 3 | 31 GM 02 | 05/33/40 |
| 6100391 | 10.3 | 03 | | 61 5/85 AG GM | 1 | WILLIAM & FRANCES GRAVES III | | | 08 13 0.8 31 | 20 .85 |
| 6100391-1 | 60 01 | 6.00 | 02 | 61 5/85 AG GM | 250 | 6 22 GM 08 CAP.EST. | | | 23/33/38 | |
| 6100392 | 23.9 | 03 | | 61 5/85 AG GM | 1 | WILLIAM & FRANCES GRAVES III | | | 08 13 0.8 31 | 72 .50 |
| 6100392-1 | 01 | 6.00 | 02 | 61 5/85 AG GM | 250 | 6 21 GM 08 CAP.EST. | | | 22/33/38 | |
| 6100393 | 20.7 | 03 | | 61 5/85 AG GM | 1 | WILLIAM & FRANCES GRAVES III | | | 08 13 0.8 31 | 40 .85 |
| 6100393-1 | 01 | 8.00 | 02 | 61 5/85 AG GM | 575 | 7 24 GM 08 CAP.EST | | | 30/33/39 | |
| 6100394 | 13.8 | 03 | | 61 5/85 AG GM | 2 | WILLIAM & FRANCES GRAVES III | | | 08 13 0.8 31 | 20 .50 |
| 6100394-1 | 60 01 | 4.00 | 02 | 61 5/85 AG GM | 100 | 5 21 GM 08 CAP.EST. | | | 15/33/38 | |
| 6100394-2 | 60 01 | 4.00 | 02 | 61 5/85 AG GM | 100 | 5 21 GM 08 " | | | 15/33/38 | |
| 6100395 | 26.6 | 03 | | 61 5/85 AG GM | 1 | WILLIAM GRAVES IV | | | 08 13 0.8 31 | 40 .50 |
| 6100395-1 | 60 01 | 6.00 | 02 | 61 5/85 AG GM | 250 | 5 20 GM 08 CAP.EST. | | | 16/33/38 | |
| 6100396 | 5.2 | 03 | | 61 6/85 AG BOTH | 3 | DELTA FARMS WATER CONTROL DIST | | | 08 13 0.8 31 | 25 .85 |
| 6100396-1 | 01 | 6.00 | 02 | 750 | 314 | 3 16 GM 08 | | | 2,4, 33/37 | |
| 6100396-1 | 02 | 6.00 | 02 | 750 | 1200 | 3 14 GM 08 MOSTLY PROPOSED WELLS | | | | |
| 6100396-2 | 01 | 12.00 | 02 | 750 | 1296 | 3 16 GM 08 APPARENTLY THINER APPLYING | | | | |
| 6100396-2 | 02 | 6.00 | 02 | 750 | 1200 | 3 14 GM 08 FOR EXPANSION TO 2657 ACRES | | | | |
| 6100396-3 | 01 | 6.00 | 02 | 750 | 530 | 3 14 GM 08 26 PROP.WELLS | | | | |
| 6100396-3 | 02 | 6.00 | 02 | 750 | 1200 | 3 14 GM 08 | | | | |
| 6100396-4 | 02 | 6.00 | 02 | 750 | 1200 | 3 14 GM 08 | | | | |

| | | | | | | | | | | | | |
|------------|-----------|----|-------|----|----------|-----|------|----|-------------------------------|----|--------------|-------------|
| 6100396-5 | | 02 | 6.00 | 02 | 750 | | 1200 | | 3 | 14 | GW | 08 |
| 6100396-6 | | 02 | 6.00 | 02 | 750 | | 1200 | | 3 | 14 | GW | 08 |
| 6100396-7 | | 02 | 6.00 | 02 | 750 | | 1200 | | 3 | 14 | GW | 08 |
| 6100397 | 27.6 | 03 | 6.00 | 02 | 61 6/65 | AG | GW | 4 | J. SCHIRARD/CHARLES STONE JR. | | | 08 |
| 6100397-1 | 61 01 | | 4.00 | 02 | | | 125 | 8 | 27 | GW | 08 | 34/33/39 |
| 6100397-2 | 61 01 | | 4.00 | 02 | | | 125 | 8 | 27 | GW | 08 | 34/33/39 |
| 6100397-3 | 61 01 | | 4.00 | 02 | | | 125 | 8 | 27 | GW | 08 | 34/33/39 |
| 6100397-4 | 61 01 | | 4.00 | 02 | | | 125 | 8 | 27 | GW | 08 | 34/33/39 |
| 6100401 | 6100401-1 | 03 | 10.00 | 02 | 61 6/65 | AG | GW | 2 | PARKER PROPERTIES INC. | | | 08 |
| 6100401-2 | 61 01 | | 10.00 | 02 | | | 850 | 7 | 25 | GW | 08 CAP. EST. | 29/33/39 |
| 6100402 | 26 | 03 | 6.00 | 02 | 61 7/65 | AG | GW | 1 | WALTER A. TAYLOR | | | 08 |
| 6100406 | 84.8 | 03 | 4.00 | 02 | 61 8/65 | AG | GW | 3 | TRIPLE M GROVES INC. | | | 08 |
| 6100406-1 | 61 01 | | 4.00 | 02 | | | 125 | 3 | 25 | GW | 08 CAP. EST. | 25/33/37 |
| 6100406-2 | 61 01 | | 4.00 | 02 | | | 125 | 3 | 26 | GW | 08 " | |
| 6100406-3 | 61 01 | | 4.00 | 02 | | | 125 | 3 | 26 | GW | 08 " | 32,33/33/39 |
| 6100408 | 0.001 | 03 | 6.00 | 02 | 61 10/65 | AG | GW | 1 | JOHN & BARBARA S. TRIPSON | | | 08 |
| 6100408-1 | 01 | | 6.00 | 02 | | | 250 | 4 | 26 | GW | 08 CAP. EST. | 09/33/39 |
| 6100409 | 6100409-1 | 03 | 36.00 | 02 | 61 2/66 | COM | GW | 1 | JEAN M. HENNE | | | 02 |
| 6100411 | 12.6 | 03 | 6.00 | 02 | 61 10/65 | AG | GW | 2 | ROBERT A. HOSKINS | | | 03/33/38 |
| 6100411-1 | 61 01 | | 6.00 | 02 | 760 | | 400 | 6 | 28 | GW | 08 | 23/33/39 |
| 6100411-2 | 61 01 | | 6.00 | 02 | 400 | | 250 | 6 | 28 | GW | 08 | 23/33/39 |
| 6100412 | 3.1 | 03 | 6.00 | 02 | 61 9/65 | AG | GW | 1 | CHARLES & CAROL GOELICK | | | 08 |
| 6100412-1 | 61 01 | | 6.00 | 02 | | | 442 | 5 | 25 | GW | 08 | 17/33/39 |
| 6100413 | 9.5 | 03 | 6.00 | 02 | 61 10/65 | AG | GW | 10 | HENRY SCHACHT | | | 08 |
| 6100413-1 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 CAP. EST. | 09/33/37 |
| 6100413-10 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-2 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-3 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-4 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-5 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-6 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-7 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-8 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100413-9 | 01 | | 4.00 | 02 | 600 | | 100 | 4 | 14 | GW | 08 " | 09/33/37 |
| 6100414 | 20.8 | 03 | 6.00 | 02 | 61 10/65 | AG | GW | 3 | HENRY SCHACHT | | | 08 |
| 6100414-1 | 01 | | 6.00 | 02 | | | 250 | 4 | 25 | GW | 08 CAP. EST. | 08/33/39 |
| 6100414-2 | 01 | | 6.00 | 02 | | | 250 | 4 | 25 | GW | 08 " | 08/33/39 |
| 6100414-3 | 01 | | 6.00 | 02 | | | 250 | 4 | 25 | GW | 08 " | 08/33/39 |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | ALL MAX UNIT NO. | DATE USE SRC. NO. UTS. CO ISS. TYPE | SU | CROPS | SOIL TYPE | IRR ST | IRR ACRES | EFF |
|------------|------------------|-------------------------------------|----|-------|-----------|--------|-----------|-----|
|------------|------------------|-------------------------------------|----|-------|-----------|--------|-----------|-----|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD NO. SISDIA. | WELL CODE ID | DPDN CD | PUMP INT | PUMP TYPE | PUMP CAP. MTR? | ROW | COLUMN | SRC AG. | COMMENTS | S / T / R |
|------------|-----------------|------------------|--------------|---------|----------|-----------|----------------|-----|--------|---------|----------|-----------|
|------------|-----------------|------------------|--------------|---------|----------|-----------|----------------|-----|--------|---------|----------|-----------|

| | | | | | | | | | | | | | |
|---------|------------|------|-------|-------|---------|----|------------------|----|------|-------------------------|------------|-------------------|----|
| 6100415 | 6100415-1 | 5 | 03 | 01 | 6.00 | 02 | 61 10/85 AG | GW | 1 | HENRY SCHACHT | | | |
| 6100416 | 6100416-1 | 28.2 | 03 | 01 | 8.00 | 02 | 61 4/86 GLF BOTW | GW | 4 | ALOMA INC. | 2 | 26 GW 08 CAP.EST. | |
| | 6100416-2 | | 01 | | 8.00 | 02 | | | 575 | | 2 | 26 GW 08 " | |
| | 6100416-3 | | 01 | | 8.00 | 02 | | | 575 | | 3 | 27 GW 08 " | |
| | 6100416-4 | | 01 | | 8.00 | 02 | | | 575 | | 3 | 27 GW 08 " | |
| 6100426 | 6100426-1 | 5.7 | 03 | 01 | 6.00 | 02 | 61 11/85 AG | GW | 3 | JOHN J. SCHMIDMANN JR. | 7 | 26 GW 08 CAP.EST. | |
| | 6100426-2 | | 01 | | 6.00 | 02 | | | 250 | | 7 | 26 GW 08 " | |
| | 6100426-3 | | 01 | | 6.00 | 02 | | | 250 | | 7 | 26 GW 08 " | |
| 6100427 | 6100427-1 | 33.1 | 03 | 61 01 | 10.00 | 02 | 61 11/85 AG | GW | 2 | DAVID PRANGE | 6 | 1 GW 08 | |
| | 6100427-2 | | 61 01 | | 10.00 | 02 | | | 245 | | 6 | 1 GW 08 | |
| 6100429 | 6100429-1 | 55.7 | 03 | 61 01 | 4.00 | 02 | 61 11/85 AG | GW | 4 | GLENDALE GROVE CO. INC. | 5 | 26 GW 08 | |
| | 6100429-2 | | 61 01 | | 4.00 | 02 | | | 162 | | 5 | 26 GW 08 | |
| | 6100429-3 | | 61 01 | | 4.00 | 02 | | | 211 | | 5 | 26 GW 08 | |
| | 6100429-4 | | 61 01 | | 4.00 | 02 | | | 164 | | 5 | 26 GW 08 | |
| | | | | | | | | | 363 | | 5 | 26 GW 08 | |
| 6100430 | 6100430-1 | 33.6 | 03 | 01 | 4.00 | 02 | 61 11/85 AG | GW | 3 | SUN CITRUS CO. | 5 | 26 GW 08 | |
| | 6100430-2 | | 01 | | 4.00 | 02 | | | 137 | | 5 | 26 GW 08 | |
| | 6100430-3 | | 01 | | 4.00 | 02 | | | 442 | | 5 | 26 GW 08 | |
| | | | | | | | | | 589 | | 5 | 26 GW 08 | |
| 6100431 | 6100431-10 | 82.9 | 03 | | 61 1/86 | AG | GW | | 20 | FRANK MAMARINO | GW | 08 | |
| | 6100431-11 | | 02 | | 10.00 | 02 | 800 | | 1000 | | out bounds | GW | 08 |
| | 6100431-12 | | 02 | | 10.00 | 02 | 800 | | 1000 | | out bounds | GW | 08 |
| | 6100431-13 | | 02 | | 10.00 | 02 | 800 | | 1000 | | out bounds | GW | 08 |
| | 6100431-14 | | 02 | | 10.00 | 02 | 800 | | 1000 | | out bounds | GW | 08 |
| | | | | | | | | | 1 | | 3 | GW 08 | |

| | | | | | | | | | | | | | |
|-------------------|-------|-------|------|-------|-------|------|----|---------------------------------|------------------------|-------|----------------------|-------------|-------------|
| 6100431-15 | 02 | 10.00 | 02 | 800 | | 1000 | | 1 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-16 | 02 | 10.00 | 02 | 800 | | 1000 | | 1 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-17 | 02 | 10.00 | 02 | 800 | | 1000 | | 1 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-18 | 02 | 10.00 | 02 | 800 | | 1000 | | 1 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-19 | 02 | 10.00 | 02 | 800 | | 1000 | | 3 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-2 | 02 | 10.00 | 02 | 800 | | 1000 | | 3 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-20 | 02 | 10.00 | 02 | 800 | | 1000 | | 3 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-3 | 02 | 10.00 | 02 | 800 | | 1000 | | 3 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-4 | 02 | 10.00 | 02 | 800 | | 1000 | | 3 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-5 | 02 | 10.00 | 02 | 800 | | 1000 | | 3 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-6 | 02 | 10.00 | 02 | 800 | | 1000 | | 2 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-7 | 02 | 10.00 | 02 | 800 | | 1000 | | 2 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-8 | 02 | 10.00 | 02 | 800 | | 1000 | | 2 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-9 | 02 | 10.00 | 02 | 800 | | 1000 | | 2 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100431-1 | 02 | 10.00 | 02 | 800 | | 1000 | | 2 | J GU | 08 | 03,22,27,34/32,33/35 | | |
| 6100433 6100433-1 | 03 | 6.00 | 02 | 61 | 10/85 | AG | GU | 1 | MICHAEL BARATTA | | 08 | | |
| 6100435 6100435-1 | 01 | 6.00 | 02 | 11/85 | AG | GU | | 167 | 3 | 23 GU | 08 | 01/33/38 | |
| 6100435 6100435-2 | 01 | 6.00 | 02 | 2.00 | 02 | 250 | | ANNE G. KEEN | 5 | 26 GU | 08 CAP.EST. | 16/33/39 | |
| 6100436 6100436-1 | 03 | 6.00 | 02 | 61 | 11/85 | AG | GU | 5 | ROBERT W. DEACON | 4 | 27 GU | 08 CAP.EST. | 10,15/33/39 |
| 6100436-2 | 61 01 | 2.00 | 02 | 75 | | 4 | | | 5 | 26 GU | 08 " | 10,15/33/39 | |
| 6100436-3 | 61 01 | 2.00 | 02 | 75 | | 5 | | | 5 | 27 GU | 08 " | 10,15/33/39 | |
| 6100436-4 | 61 01 | 2.00 | 02 | 75 | | 5 | | | 5 | 27 GU | 08 " | 10,15/33/39 | |
| 6100436-5 | 61 01 | 2.00 | 02 | 75 | | 5 | | | 5 | 27 GU | 08 " | 10,15/33/39 | |
| 6100437 6100437-1 | 03 | 6.00 | 02 | 61 | 11/85 | AG | GU | 1 | BUEA VISTA GROVES | 6 | 26 GU | 08 | 21/33/39 |
| 6100438 6100438-1 | 03 | 6.00 | 02 | 61 | 11/85 | AG | GU | 145 | | 6 | 26 GU | 08 | 21/33/39 |
| 6100438-2 | 01 | 6.00 | 02 | 250 | | 6 | | HOOSHANG HOOSHMAND | 6 | 26 GU | 08 CAP.EST. | 21/33/39 | |
| 6100439 6100439-1 | 03 | 6.00 | 02 | 61 | 11/85 | AG | GU | 1 | IRAJ HOOSHMAND | 6 | 26 GU | 08 | 21/33/39 |
| 6100440 6100440-1 | 03 | 6.00 | 02 | 325 | | 6 | | HEUROLOGICAL ASSOCIATION | 6 | 26 GU | 08 | 21/33/39 | |
| 6100441 | 2200 | 03 | 6.00 | 02 | 442 | | | 2 ST. JOHNS WATER CONTROL DIST. | 6 | 26 GU | 08 | 99 | |
| | | | | | | | | SM 99 ADDTL. SECTIONS 11-36 | | | | 99 | |
| 6100446 6100446-1 | 03 | 6.00 | 02 | 61 | 11/85 | AG | GU | 1 | ESTATE OF C. RAY MCGAN | 7 | 23 GU | 08 | 25/33/38 |
| 6100447 6100447-1 | 03 | 6.00 | 02 | 330 | | 2 | | C & G GROVES | 7 | 23 GU | 08 | 25/33/38 | |
| 6100441 | | | | | | | | | | | | 99 | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. UNIT NO. | ALL MAX NO. | DATE USE SRC.NO. | SW | CROP | SOIL | RAIN | IRR | IRR | |
|------------|--------------|--------------|-------------------------------|--------------------|---------------|-----------|---------|-----|-------|-----|
| PERMIT NO. | WELL NO. | UTS. CO ISS. | TYPE | WLS. PWS OWNER | CO PERMIT NO. | DEV NO. | AQ TYPE | ST | ACRES | EFF |
| | | | DPTH | PUMP PUMP | | | | | | |
| | | | CODE TO CD INT TYPE CAP. MTR? | ROW COLUMN SRC AQ. | COMMENTS | S / T / R | | | | |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| | | | | | | | | | |
|-----------|-------|------|----|----------------|---|------------------------------------|----|-------------|----------------------|
| 6100447-2 | 61 01 | 6.00 | 02 | 501 | 7 | 23 | GW | 08 | 25/33/38 |
| 6100448 | 17.2 | 03 | | 61 11/85 AG GW | 1 | BAILEY & BAILEY INC. | | | |
| 6100448-1 | 01 | 6.00 | | 250 | 7 | 23 | GW | 08 | 25/33/38 |
| 6100449 | 12.2 | 03 | | 10/85 AG GW | 2 | VIRGINIA RUSSELL | | | |
| 6100449-1 | 01 | 4.00 | 02 | 179 | 8 | 1 | GW | 08 | 32/33/35 |
| 6100449-2 | 01 | 4.00 | 02 | 450 | | GW | 08 | | 32/33/35 |
| 6100452 | 4.14 | 03 | | 61 11/85 AG GW | 1 | EVA C. WALKER (TRUST) | | | |
| 6100452-1 | 01 | 6.00 | 01 | 442 | 3 | 25 | GW | 08 | 05/33/39 |
| 6100453 | 7900 | 03 | | 61 11/85 AG SW | | 1 INDIAN RIVER FARM VTR CONT DIST. | | | |
| 6100454 | 3740 | 03 | | 61 11/85 AG SW | | 1 SEBASTIAN RVR VTR CONT DIST. | | | |
| 6100457 | 6.1 | 03 | | 61 11/85 AG GW | 1 | TRACT 5 TRUST | | | |
| 6100457-1 | 01 | 6.00 | 02 | 530 | 4 | 26 | GW | 08 | 09/33/39 |
| 6100460 | 18.5 | 03 | | 61 12/85 AG GW | 1 | CLAUSSON P. LEKOW (TRUSTEE) | | | |
| 6100460-1 | 01 | 8.00 | 02 | 600 | 7 | 22 | GW | 08 | 26/33/38 |
| 6100461 | 67.8 | 03 | | 61 1/86 AG GW | 1 | WILLIAM G. ROE | | | |
| 6100461-1 | 59 01 | 8.00 | 02 | 623 | 7 | 22 | GW | 08 | 27/33/38 |
| 6100462 | 8.6 | 03 | | 61 1/86 AG GW | 1 | WILLIAM G. ROE | | | |
| 6100462-1 | 60 01 | 8.00 | 02 | 575 | 7 | 15 | GW | 08 CAP.EST | 27/33/37 |
| 6100463 | 97.0 | 03 | | 61 1/86 AG GW | 2 | WILLIAM G. ROE | | | |
| 6100463-1 | 60 01 | 8.00 | 02 | 575 | 7 | 22 | GW | 08 CAP.EST. | 26/33/38 |
| 6100463-2 | 60 01 | 8.00 | 02 | 575 | 7 | 22 | GW | 08 " | 26/33/38 |
| 6100465 | 11/85 | 03 | | 61 11/85 AG GW | 2 | T. DOYLE HOGAN | | | |
| | | | | | | | | | 08 13 0.8 31 133 .50 |

| | | | | | | | | | | | | | |
|-----------|-----------|-------|------|--------------|------------|-----|------------------------------|---------------------------|----|--------------|--------------|--------------|----------|
| 6100465-1 | 61 01 | 6.00 | 02 | | 236 | | 8 | 26 | GU | 08 | | 31/32/33/39 | |
| 6100465-2 | 61 01 | 6.00 | 02 | | 681 | | 8 | 25 | GU | 08 | | 31/32/33/39 | |
| 6100466 | 7.67 | 03 | | 61 1/86 IND | GW | 2 | BELAIR PACKING HSE JOINT VT. | | | | 08 | 20 | |
| 6100466-A | 01 | 6.00 | 02 | | 150 | | 3 | 22 | GU | 08 | .02 req. | 02/33/38 | |
| 6100466-B | 01 | 6.00 | 02 | | 95 | | 3 | 22 | GU | 08 | | 02/33/38 | |
| 6100466-C | 02 | 6.00 | 02 | | 150 | | 3 | 22 | GU | 08 | | 02/33/38 | |
| 6100467 | 45.1 | 03 | | 61 11/85 AG | GW | 1 | LUCY HENDERSON (TRUSTEE) | | | | 08 | 13 | |
| 6100467-1 | 01 | 10.00 | 02 | | 1043 | | 8 | 17 | GU | 08 | | 31/33/37 | |
| 6100468 | 49.7 | 03 | | 61 11/85 AG | GW | 1 | THOMAS EDMONDSON | | | | 08 | 13 | |
| 6100468-1 | 01 | 10.00 | 02 | | 1227 | | 8 | 19 | GU | 08 | | 32/33/38 | |
| 6100469 | 60.4 | 03 | | 61 11/85 AG | GW | 3 | THOMAS & LUCY EDMONDSON | | | | 08 | 13 | |
| 6100469-1 | 01 | 6.00 | 02 | | 670 | | 8 | 19 | GU | 08 | | 32/33/38 | |
| 6100469-2 | 01 | 6.00 | 02 | | 534 | | 8 | 19 | GU | 08 | | 32/33/38 | |
| 6100469-3 | 01 | 6.00 | 02 | | 660 | | 8 | 19 | GU | 08 | | 32/33/38 | |
| 6100470 | 13.8 | 03 | | 61 11/85 AG | GW | 1 | GEORGE & CATHERINE DETKO | | | | 08 | 13 | |
| 6100470-1 | 61 01 | 6.00 | 02 | | 249 | | 5 | 24 | GU | 08 | | 18/33/39 | |
| 6100473 | 23 | 03 | | 61 12/85 AG | GW | 1 | ERNEST AND ILSE GLASER | | | | 08 | 13 | |
| 6100473-1 | 01 | 10.00 | 02 | 1000 | | 850 | | 6 | 19 | GU | 08 CAP. EST. | 32/33/38 | |
| 6100473-2 | 01 | 10.00 | 02 | 1000 | | 850 | | 8 | 19 | GU | 08 " | 32/33/38 | |
| 6100473-3 | 01 | 10.00 | 02 | 1000 | | 850 | | 8 | 19 | GU | 08 " | 32/33/38 | |
| 6100473-4 | 01 | 10.00 | 02 | 1000 | | 850 | | 8 | 19 | GU | 08 " | 32/33/38 | |
| 237 | 46.3 | 03 | | 61 12/85 AG | GW | 2 | EUGENE CURTIS | | | | 08 | 13 | |
| 6100474 | 6100474-3 | 01 | 8.00 | 02 | 1000 | | 575 | | 6 | 19 | GU | 08 CAP. EST. | 32/33/38 |
| 6100474-4 | 01 | 8.00 | 02 | 1000 | | 575 | | 8 | 19 | GU | 08 " | 32/33/38 | |
| 6100475 | 16.6 | 03 | | 61 12/85 AG | GW | 1 | SEXTON GROVE SERVICE | | | | 08 | 13 | |
| 6100475-G | 61 01 | 6.00 | 02 | 700 | | 250 | | 8 | 26 | GU | 08 CAP. EST. | 33/33/39 | |
| 6100476 | 10.1 | 01 | 6.00 | 02 | 61 1/86 AG | GW | 1 | CITICORP GROVE MGT. CORP. | | | | 08 | 13 |
| 6100476-1 | 60 01 | 6.00 | 02 | | 575 | | 5 | 15 | GU | 08 CAP. EST. | 15/33/37 | | |
| 6100479 | 10.51 | 03 | | 61 1/86 CON | GW | 1 | JOHNSON OIL CO. | | | | 02 | | |
| 6100479-1 | 02 | 12.00 | 02 | 23 | | 20 | | 3 | 29 | GU | 02 | 01/33/39 | |
| 6100486 | 16.5 | 03 | | 61 5/86 AG | GW | 6 | CENTRAL GROVES CORP. | | | | 08 | 13 | |
| 6100486-1 | 01 | 2.00 | 02 | | 75 | | 3 | 26 | GU | 08 | | 04/33/39 | |
| 6100486-2 | 01 | 2.00 | 02 | | 75 | | 3 | 26 | GU | 08 | | 04/33/39 | |
| 6100486-3 | 01 | 2.00 | 02 | | 75 | | 3 | 26 | GU | 08 | | 04/33/39 | |
| 6100486-4 | 01 | 2.00 | 02 | | 75 | | 3 | 26 | GU | 08 | | 04/33/39 | |
| 6100486-5 | 01 | 2.00 | 02 | | 75 | | 3 | 26 | GU | 08 | | 04/33/39 | |
| 6100486-6 | 01 | 2.00 | 02 | | 75 | | 3 | 26 | GU | 08 | | 04/33/39 | |
| 6100487 | 36.4 | 03 | | 61 10/86 CON | GW | 3 | LAKEWOOD VILLAGE ASSOC. LTD. | | | | 02 | | |
| 6100487-1 | 01 | 6.00 | 02 | 100 | | 4 | | 6 | 22 | GU | 02 | 11/33/38 | |
| 6100487-2 | 01 | 6.00 | 02 | | 4 | | 6 | 22 | GU | 02 | | 11/33/38 | |

LINE 1 HEADINGS (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agricultural Demand for Each Permit)

| PERMIT NO. | AN. | ALL MAX NO. | DATE USE SRC. NO. | SW | CROP SOIL | RAIN IRR | IRR ACRES | EFF |
|------------|------|--------------|-------------------|------------|---------------|----------|-----------|-----|
| PERMIT NO. | UTS. | CO ISS. TYPE | MLS. TYPE | PMP. OWNER | CO PERMIT NO. | DEV NO. | TYPE | ST |

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NUMBER | FACILITY NO. | QUAD. NO. | WELL SISDIA. | DPIN CODE | ID | PUMP CD INT TYPE | PUMP CAP. MTR? | NOW COLUMN SRC | ACQ. | COMENTS | S / T / R |
|---------------|--------------|-----------|--------------|-----------|----|------------------|----------------|----------------|------|---------|-----------|
|---------------|--------------|-----------|--------------|-----------|----|------------------|----------------|----------------|------|---------|-----------|

| 6100488-3 | 01 | 6.00 | 02 | | | 4 | 22 | GW | 02 | 11/33/38 | |
|-----------|-------|------|-----|-------------|----|---|---|---------------------|-------------|----------|--|
| 6100488 | 20.7 | 03 | | 61 6/86 AG | GW | 1 | 1 | TRIPSON TRAIL GROVE | | | |
| 6100488-1 | 61 01 | 4.00 | 02 | 200 | | 8 | 24 | GW | 08 | 31/33/39 | |
| 6100488-2 | 02 | 4.00 | 02 | 200 | | 8 | 24 | GW | 08 | 31/33/39 | |
| 6100490 | 28.6 | 03 | | 61 12/88 AG | GW | 3 | HOORING DEVELOPMENT COMPANY | | | | |
| 6100490-A | 62 01 | 02 | 456 | 250 | | 6 | 32 | GW | 08 CAP.EST. | 21/33/40 | |
| 6100490-B | 62 01 | 02 | 843 | 250 | | 6 | 32 | GW | 08 " | 21/33/40 | |
| 6100490-C | 62 01 | 02 | 436 | 250 | | 6 | 32 | GW | 08 " | 21/33/40 | |
| 6100491 | 8.43 | 03 | | 61 7/86 COM | SW | 1 | CITY OF VERO BEACH | | | | |
| 6100491-1 | 02 | 6.00 | 02 | 150 | | | SW | 99 | | 11/33/39 | |
| 6100493 | 124.2 | 03 | | 61 1/88 AG | SW | 4 | 20 MILE BEND GROVE INC.WELLS ARE PROPOSED | | | | |
| | | | | | | | SW | 99 | | 99 | |
| 6100498 | 68 | 03 | | 61 11/86 AG | SW | 1 | CHARLIE PRICE | | | | |
| | | | | | | | SW | 99 | | 99 | |
| 6100500 | 18.11 | 03 | | 61 1/89 AG | GW | 4 | BEN BAILY III | | | | |
| 6100500-A | 60 01 | 2.00 | 02 | 100 | | 3 | 19 | GW | 02 | 05/33/38 | |
| 6100500-B | 60 01 | 2.00 | 02 | 100 | | 3 | 19 | GW | 02 | 05/33/38 | |
| 6100500-C | 60 01 | 2.00 | 02 | 100 | | 3 | 19 | GW | 02 | 05/33/38 | |
| 6100500-D | 60 01 | 2.00 | 02 | 100 | | 3 | 19 | GW | 02 | 05/33/38 | |
| 6100500-E | 60 02 | 8.00 | 02 | 900 | | 3 | 19 | GW | 08 | 05/33/38 | |
| 6100500-A | 60 01 | | | 500 | | 3 | 19 | GW | 08 | 05/33/38 | |
| 6100502 | 28.38 | 03 | | 61 1/89 COM | SW | 1 | JOHN & BARBARA TRIPSON | | | | |
| 6100502-A | 61 02 | | | 60000 | | | SW | 99 | | 99 | |
| 6100503 | 9.79 | 03 | | 61 1/89 AG | GW | 1 | BALMAR ASSOCIATES, INC. | | | | |
| 6100503-A | 02 | 6.00 | 02 | 270 | | 3 | 23 | GW | 08 | 01/33/38 | |
| 6100504 | 1.6 | 03 | | 61 12/86 AG | GW | 4 | RANGE LINE GROVES INC. | | | | |
| | | | | | | | SW | 99 | | 00 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-----------|-------|------|----|----|------|----|----|------|--------------|-------------------------------|----|----|--------------------------|----|----------|-------------|----|----------|-----|-----|-----|----|-----|-----|
| 6100504-1 | 6100505-1 | 01 | 6.00 | 02 | 61 | 4/87 | AG | GM | 1 | THOMAS JONES | 4 | 24 | GU | 08 | " | 07/33/39 | | | | | | | | | |
| 6100504-2 | | 01 | 6.00 | 02 | | | | | 250 | | 4 | 24 | GU | 08 | " | 07/33/39 | | | | | | | | | |
| 6100504-3 | 6100506-1 | 01 | 6.00 | 02 | | | | | 250 | | 4 | 24 | GU | 08 | " | 07/33/39 | | | | | | | | | |
| 6100504-4 | | 01 | 6.00 | 02 | | | | | 250 | | 4 | 24 | GU | 08 | " | 07/33/39 | | | | | | | | | |
| 6100505 | 23.1 | 03 | | | | | | | 250 | 5 | 21 | GU | 08 | CAP.EST. | 08 | 13 | 0.8 | 31 | 28 | .50 | | | | | |
| 6100506 | 6100510-3 | 03 | | | | | | | 250 | 1 | THOMAS JONES | 8 | 26 | GU | 08 | CAP.EST. | 08 | 13 | 0.8 | 31 | 20 | .85 | | | |
| 6100510 | 6100510-1 | 03 | 6.00 | 02 | | | | | 250 | 1 | THE PACKERS OF INDIAN R. INC. | 7 | 21 | GU | 08 | CAP.EST. | 08 | 13 | 0.8 | 31 | 35 | .85 | | | |
| 6100512 | 14.24 | 03 | | | | | | | 61 | 6/87 | PWS | GM | 2 | STATE OF FLORIDA | GM | 02 | | | | | | | | | |
| 6100513 | 6100513-1 | 38.6 | 03 | | | | | | 61 | 3/87 | AG | GM | 1 | FRANK G. BARATTA | 6 | 23 | GU | 08 | | 08 | 13 | 0.8 | 31 | 75 | .85 |
| 6100514 | 6100514-1 | 35.8 | 03 | | | | | | 600 | 1 | ANGELES CORP. | 4 | 22 | GU | 08 | .1 MED | 24/33/38 | | | | | | | | |
| | 6100514-2 | 61.02 | 6.00 | 02 | | | | | 200 | 1 | | 4 | 22 | GU | 08 | | 11/33/38 | | | | | | | | |
| 6100516 | 6100516-1 | 2.1 | 03 | | | | | | 61 | 6/87 | AG | GM | 1 | 1 NORMAN HENSICK JR. | 7 | 30 | GU | 08 | CAP.EST. | 08 | 13 | 0.4 | 31 | 30 | .85 |
| | 6100516-2 | 61.01 | 4.00 | 02 | | | | | 100 | 1 | | 7 | 30 | GU | 08 | " | 30/33/39 | | | | | | | | |
| 6100517 | 6100517-1 | 5.5 | 03 | | | | | | 61 | 4/87 | COM | GM | 1 | 1 RINKER MATERIALS CORP. | 4 | 29 | GU | 02 | | 02 | CON | | | | |
| | 6100517-2 | 61.01 | 6.00 | 02 | | | | | 75 | 1 | | 4 | 29 | GU | 02 | | 12/33/39 | | | | | | | | |
| 6100518 | 6100518-1 | 52 | 03 | | | | | | 400 | 1 | | 6 | 29 | GU | 02 | | 12/33/39 | | | | | | | | |
| | 6100518-2 | 60.01 | 6.00 | 02 | | | | | 400 | 1 | | 6 | 29 | GU | 02 | | 12/33/39 | | | | | | | | |
| | 6100518-3 | 60.02 | 6.00 | 02 | | | | | 828 | 1 | LIER GROVES INC. | 6 | 22 | GU | 08 | | 35/33/38 | | | | | | | | |
| 239 | | | | | | | | | 321 | 1 | | 6 | 22 | GU | 08 | | 35/33/38 | | | | | | | | |
| | | | | | | | | | 828 | 1 | | 6 | 22 | GU | 08 | | 35/33/38 | | | | | | | | |
| 6100521 | 6100521-1 | 74.5 | 03 | | | | | | 61 | 5/87 | AG | GM | 3 | GEORGE LAMBERT JR. | 6 | 15 | GU | 08 | CAP.EST. | 08 | 13 | 0.8 | 31 | 115 | .85 |
| | 6100521-2 | 01 | 3.00 | 02 | | | | | 828 | 1 | | 6 | 15 | GU | 08 | " | 02/33/37 | | | | | | | | |
| | 6100521-3 | 02 | 3.00 | 02 | | | | | 75 | 1 | | 6 | 15 | GU | 08 | " | 02/33/37 | | | | | | | | |
| | 6100521-3 | 02 | 3.00 | 02 | | | | | 828 | 1 | | 6 | 15 | GU | 08 | " | 02/33/37 | | | | | | | | |
| 6100522 | 6100522-1 | 109.9 | 03 | | | | | | 61 | 9/87 | AG | GM | 3 | DELLERMAN GROVES INC. | 3 | 17 | GU | 08 | | 08 | 13 | 0.8 | 31 | 173 | .50 |
| | 6100522-2 | 01 | 6.00 | 02 | | | | | 900 | 1 | | 3 | 17 | GU | 08 | | 01,12/33/37 | | | | | | | | |
| | 6100522-3 | 01 | 6.00 | 02 | | | | | 75 | 1 | | 3 | 17 | GU | 08 | | 01,12/33/37 | | | | | | | | |
| | 6100522-4 | 02 | 6.00 | 02 | | | | | 1100 | 1 | | 4 | 17 | GU | 08 | | 01,12/33/37 | | | | | | | | |
| | | | | | | | | | 900 | 1 | | 4 | 17 | GU | 08 | | 01,12/33/37 | | | | | | | | |
| 6100528 | 6100528-A | 16.04 | 03 | | | | | | 61 | 11/88 | AG | GM | 1 | LOUIS PERKINS | 6 | 21 | GU | 08 | | 08 | 13 | 0.8 | 31 | 31 | .85 |
| | 6100531 | 134.6 | 03 | | | | | | 920 | 1 | | 6 | 21 | GU | 08 | | 34/33/38 | | | | | | | | |
| | | | | | | | | | 200 | 1 | GEORGE LAMBERT | 6 | 21 | GU | 08 | | | | | | | | | | |

LINE 1 HEADING (Table 1 - Existing Water Use - Permit Information and Table 2 - Forecasted Agriculture Demand for Each Permit)

| PERMIT NO. | AN. ALL. | ALL MAX UNIT NO. | DATE USE SRC. NO. UTS. CO ISS. TYPE WLS. | SW PHYS OWNER | CROP SOIL RAIN IRR IRR |
|------------|----------|------------------|--|---------------|------------------------|
|------------|----------|------------------|--|---------------|------------------------|

LINE 2+ HEADINGS (Table 1 - Existing Water Use - Facilities Information for Each Permit)

| PERMIT NO. | FACILITY NUMBER | QUAD. NO. STS/IA. | WELL DPIN CODE TO CD INT TYPE CAP. MTR? | PUMP PUMP PUMP | ROW COLUMN SRC AG. COMMENTS S / T / R |
|------------|-----------------|-------------------|---|----------------|---------------------------------------|
|------------|-----------------|-------------------|---|----------------|---------------------------------------|

| | | | | | | | |
|-----------|-----|-------|----------|----------------|-----------|-------------------|----------------------|
| 6100531-A | | 59 02 | 12.00 02 | 990 | 3000 3000 | 5 13 GM 08 GM 08 | 17/33/37 17/33/37 |
| 6100531-B | | 59 02 | 12.00 02 | 990 | | | |
| 6100536 | 5.2 | 03 | 12.00 02 | 61 7/89 COM GW | 1 | SHELL OIL COMPANY | 03/33/38 |
| 6100536-A | | 02 | | | 10 3 | 21 GM 02 | |

**Osceola River County
Water Use Spreadsheets**

Osceola County

Table A-2 - Enacted Agriculture Demand for Each Permit

LINE 1 HEADINGS (Table 1: Existing Water Use - Permit Information and Topic 1: Inventory)

LINING 24 HEADING 1 - Existing Water Use - Facilities Information for Each Permit

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APPENDIX D

**OBSERVED WATER LEVELS IN THE
UPPER FLORIDAN AQUIFER SYSTEM
USED IN MODEL CALIBRATION
MAY 1989 THROUGH MARCH 1991**

APPENDIX D
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TABLE D-1: 1989 Observed Water Levels from Monitor Well Network

| MODEL COORDS | | | WELL NO. | STATE PLANARS (FEET) | 1989 OBSERVED WATER LEVEL | | | | | | | | | |
|--------------|-----|-----|----------|-------------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | | | | | WATER LEVELS IN FEET OF HEAD/NGVD | | | | | | | | | |
| LAT | ROW | COL | | EAST | NORTH | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 2 | 36 | 22 | MF-2 | 661770 | 1027509 | 48.1 | 48.82 | | | | 49.08 | 49.46 | 48.54 | |
| 2 | 32 | 42 | MF-3 | 766873 | 1047651 | 42.54 | 42.44 | 42.94 | 43.94 | 44.24 | 44.94 | 45.79 | 44.69 | |
| 2 | 35 | 24 | MF-9 | 673406 | 1031495 | 47.93 | 48.54 | 49.35 | | | 49.57 | 50.18 | 49.11 | |
| 2 | 42 | 19 | MF-23 | 642188 | 996134 | 48.05 | 47.12 | 47.76 | 48.03 | 48.66 | 48.85 | 49.28 | 48.49 | |
| 2 | 36 | 43 | MF-31 | 768744 | 1024135 | 41.75 | 39.55 | 41.6 | 44.75 | | 45.05 | 44 | | |
| 2 | 38 | 17 | MF-33 | 634439 | 1016100 | 46.36 | 46.78 | 47.03 | | | 47.64 | 45.87 | 45.47 | |
| 2 | 47 | 23 | MF-35 | 668237 | 970484 | 48.8 | 49.34 | 49.64 | 47.15 | 47.94 | 48.74 | 50.04 | 49.14 | |
| 2 | 42 | 29 | MF-51 | 699609 | 992233 | 49.67 | 51.02 | | | | 50.89 | 50.28 | 50.04 | |
| 2 | 41 | 29 | MF-52 | 699928 | 1001121 | 49.17 | 49.49 | | | | 50.05 | 49.7 | 48.55 | |
| 2 | 34 | 43 | MF-53 | 770566 | 1035356 | 44.01 | | | | | 20.1 | 44.71 | 44.46 | |
| 2 | 35 | 43 | MF-54 | 769853 | 1034038 | 42.86 | | | | | 42.36 | 44.86 | 44.06 | |
| 2 | 30 | 41 | MF-55 | 762663 | 1056410 | 41.15 | 40.65 | | | | 41.45 | 31.35 | 42.05 | |
| 2 | 33 | 10 | OKF-3 | 595533 | 1039922 | 43.16 | 42.63 | 42.91 | 43.57 | | 44.12 | 44.58 | 43.65 | |
| 2 | 22 | 5 | OKF-7 | 569511 | 1102271 | 43.55 | 44.09 | 45 | | | 45.41 | 46.11 | 45.2 | |
| 2 | 29 | 1 | OKF-23 | 547290 | 1061446 | 41.2 | 43.43 | 42.2 | | | 45.43 | 43.15 | 42.3 | |
| 2 | 31 | 1 | OKF-31 | 550550 | 1052261 | 43.98 | 43.55 | 44.86 | 46.72 | | 45.81 | 46.47 | 44.91 | |
| 2 | 11 | 7 | OKF-71 | 583728 | 1159048 | 40.47 | 41.23 | | | | 41.89 | 42.66 | 41.73 | |
| 2 | 12 | 8 | OKF-72 | 585990 | 1154003 | 39.65 | 40.82 | | | | 40.97 | 41.7 | 39.77 | |
| 2 | 25 | 4 | OKF-73 | 562777 | 1084287 | 38.82 | 40.55 | | | | 41.26 | 41.88 | 40.97 | |
| 2 | 26 | 5 | OKF-74 | 569100 | 1079147 | 42.61 | | | | | 43.37 | 43.87 | 42.86 | |
| 2 | 49 | 48 | PBF-I | 797130 | 959197 | 45.25 | 44.9 | 44.9 | 46 | 46.9 | 46.9 | 48.05 | 47.35 | |
| 2 | 12 | 26 | SLF-3 | 682529 | 1151296 | 37.03 | 37.34 | 36.16 | 38.26 | | 38.33 | 39.29 | 37.72 | |
| 2 | 14 | 23 | SLF-4 | 667172 | 1141333 | 36.73 | 37.87 | | | | 38.46 | 39.13 | 38.19 | |
| 2 | 10 | 17 | SLF-11 | 635027 | 1164842 | 38.33 | 39.77 | | | | 39.94 | 41.06 | 39.72 | |
| 2 | 24 | 18 | SLF-17 | 639345 | 1087204 | 41.56 | 42.29 | | | | 43.37 | 43.92 | 41.94 | |
| 2 | 17 | 28 | SLF-21 | 693824 | 1124690 | 35 | 30.69 | 34.29 | 33.24 | 35.88 | 36.36 | 36.77 | 35.81 | |
| 2 | 32 | 24 | SLF-23 | 672337 | 1049363 | 47.19 | 48.38 | 47.55 | 48.88 | | 49.07 | 49.59 | 48.6 | |
| 2 | 20 | 34 | SLF-26 | 723181 | 1111916 | 36.34 | 36.81 | | | | 37.13 | 37.88 | | |
| 2 | 20 | 22 | SLF-27 | 657924 | 1110699 | 38.61 | 35.48 | 35.14 | 37.84 | | 39.34 | 39.7 | 37.62 | |

**TABLE D-1: 1989 Observed Water Levels from Monitor Well Network
(Continued)**

| MODEL COORDS | | | WELL NO. | STATE PLANARS (FEET) | 1989 OBSERVED WATER LEVEL | | | | | | | | | |
|--------------|-----|-----|----------|-------------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | WATER LEVELS IN FEET OF HEAD/NGVD | | | | | | | | | |
| LAY | ROW | COL | | | EAST | NORTH | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 2 | 15 | 21 | SLF-36 | 657278 | 1137759 | 39.03 | 36.29 | 37.26 | 38.45 | | | 38.72 | 39.62 | 38.42 |
| 2 | 18 | 22 | SLF-40 | 662479 | 1121219 | 37.69 | 38.1 | 39.29 | 38.89 | 38.71 | 39.17 | 40.03 | 38.77 | |
| 2 | 12 | 34 | SLF-46 | 724567 | 1154337 | 25.91 | 26.41 | | | | | 29.21 | 26.36 | 31.91 |
| 2 | 24 | 39 | SLF-47 | 749646 | 1088844 | 34.01 | 33.86 | 33.66 | 32.66 | 34.66 | 36.16 | 37.11 | 36.26 | |
| 2 | 24 | 22 | SLF-50 | 662956 | 1092240 | 39.8 | 38.54 | 39.57 | 39.63 | 40.62 | 41.08 | 41.6 | 40.47 | |
| 2 | 28 | 26 | SLF-61 | 682099 | 1066875 | 46.9 | 46.73 | | | | | 48.15 | 46.65 | 45.52 |
| 2 | 27 | 24 | SLF-62 | 672318 | 1075011 | 41.96 | 43.64 | | | | | 42.13 | 45.4 | 43.4 |
| 2 | 14 | 16 | SLF-63 | 627530 | 1144319 | 37.99 | 39.27 | | | | | 39.72 | 40.4 | 39.32 |
| 2 | 12 | 15 | SLF-64 | 621462 | 1155509 | 38.98 | 39.97 | | | | | 40.55 | 41.32 | 40.06 |
| 2 | 10 | 14 | SLF-65 | 616214 | 1164480 | 38.31 | 39.2 | | | | | 38.68 | 40.12 | 39.62 |
| 2 | 17 | 19 | SLF-66 | 644611 | 1127917 | 36.25 | 38.32 | | | | | 39.61 | 40.27 | 38.5 |
| 2 | 21 | 13 | SLF-67 | 611696 | 1105597 | 41.17 | 43.06 | | | | | 44.99 | 44.24 | 43.02 |
| 2 | 17 | 10 | SLF-68 | 598300 | 1127575 | 41.21 | 42.53 | | | | | 42.77 | 43.23 | 42.81 |
| 2 | 22 | 26 | SLF-69 | 680591 | 1101403 | 43.5 | 40.57 | | | | | 41.15 | 41.53 | 40.38 |
| 2 | 10 | 28 | SLF-70 | 693278 | 1163162 | 25.11 | 29.05 | | | | | 29.03 | 30.94 | 31.85 |
| 2 | 23 | 33 | SLF-71 | 719118 | 1096443 | 38.15 | 38.92 | | | | | 38.92 | 39.92 | 38.86 |
| 2 | 27 | 16 | SLF-60 | 629924 | 1071824 | | | | | | | 44 | 44.24 | 43.64 |
| 2 | 7 | 33 | IR-10 | 716602 | 1178731 | 33.13 | | | | | | 31.93 | 32.88 | 33.13 |
| 2 | 6 | 28 | IR-40 | 694162 | 1185281 | 34.8 | | | | | | 33.29 | 33.92 | 32.69 |
| 2 | 7 | 27 | IR-312 | 684383 | 1179075 | 35.13 | | | | | | 35.23 | 36.71 | 35.49 |
| 2 | 2 | 27 | IR-313 | 684626 | 1204423 | 35.03 | | | | | | 36.57 | 37.01 | 35.85 |
| 2 | 1 | 1 | IR-365 | 545220 | 1216241 | 49.2 | | | | | | 50.28 | 49.79 | 50.08 |
| 2 | 8 | 30 | IR-368 | 705010 | 1175338 | 34.07 | | | | | | 33.68 | 34.13 | 33.18 |
| 2 | 7 | 19 | IR-370 | 643803 | 1177697 | | | | | | | 38.01 | 38.67 | 36.83 |
| 2 | 3 | 14 | IR-373 | 620153 | 1201754 | 40.73 | | | | | | 42.07 | 42.09 | 40.83 |

TABLE D-2: 1990 Observed Water Levels from Monitor Well Network

| WELL NAME | 1990 OBSERVED WATER LEVELS IN FEET OF HEAD/NGVD | | | | | | | | | | | |
|-----------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| MF-2 | 48.41 | 48.38 | 48.69 | 48.05 | 46.73 | 47.58 | 48.22 | None | 49.01 | 48.99 | None | 48.53 |
| MF-3 | 44.84 | 44.64 | 45.04 | 44.19 | 43.86 | 44.69 | 45.29 | Taken | 45.29 | | Taken | 44.89 |
| MF-9 | 48.94 | 49.38 | 48.63 | | 47.45 | 48.09 | 48.78 | | 49.38 | 49.24 | | 48.71 |
| MF-23 | 47.93 | 48.17 | 48.53 | 48.02 | 46.73 | 47.31 | 48.8 | | 48.76 | | | 48.33 |
| MF-31 | | | | | 43.6 | 44.25 | 44.85 | | 45.75 | 45.6 | | 45.35 |
| MF-33 | 46.87 | 45.66 | | | 45.54 | 46.67 | 46.82 | | 46.74 | | | |
| MF-35 | 47.49 | 48.69 | 48.99 | 48.34 | 46.68 | 47.14 | 48.61 | | 49.54 | 49.49 | | 48.99 |
| MF-51 | 50.1 | 49.85 | 50.84 | 49.55 | 48.54 | 49.42 | 50.29 | | | | | |
| MF-52 | 47.33 | 49.66 | | | 50.22 | 50.22 | | | | | | 49.67 |
| MF-53 | | | | | | | | | | | | 44.76 |
| MF-54 | 43.73 | 43.56 | | | 42.36 | 43.11 | 43.86 | | 44.76 | | | 43.41 |
| MF-55 | 40.1 | 42.05 | 40.35 | | 37.2 | 40.7 | 41 | | 39.7 | | | 37.15 |
| OKF-3 | 43.12 | 43.41 | 44 | 42.81 | 41.03 | 41.9 | 43.22 | | 44.33 | 44.17 | | 43.72 |
| OKF-7 | 44.72 | 45.02 | 45.54 | 44.08 | 41.66 | 43.43 | 44.75 | | 45.55 | 45.76 | | 44.88 |
| OKF-23 | 42.08 | 40.88 | 42.28 | 40.68 | 39.97 | 40.56 | 41.59 | | 41.5 | | | |
| OKF-31 | 44.48 | 43.94 | | | 42.15 | 43.4 | 45.7 | | 46.92 | 46.82 | | 45.2 |
| OKF-71 | 41.05 | 41.4 | 41.84 | 40.39 | 37.59 | 39.35 | 40.99 | | 42.32 | 41.57 | | 40.79 |
| OKF-72 | 41.65 | 41.91 | 40.48 | | 37.82 | 39.56 | 40.98 | | 42.01 | 42.01 | | 40.29 |
| OKF-73 | 40.46 | 40.65 | 41.32 | 40.01 | 38.25 | 39.34 | 40.88 | | 42.1 | 42.14 | | 41.49 |
| OKF-74 | 43.27 | 42.58 | 43.22 | 41.66 | 39.89 | 41.2 | 42.98 | | 43.7 | 43.48 | | 42.83 |
| PBF-1 | 46.9 | 47.1 | 47.15 | | 46.4 | 46.65 | 47.35 | | 48 | 47.7 | | 47.8 |
| SLF-3 | 37.14 | 37.65 | 37.86 | 36.16 | 32.6 | 36.31 | 37.1 | | 39.05 | 38.85 | | 36.76 |
| SLF-4 | 37.56 | 37.95 | 38.4 | 36.93 | 33.86 | 36.23 | 37.4 | | 38.44 | 38.56 | | 37.59 |
| SLF-11 | 39.22 | 39.45 | 40.03 | 38.43 | 34.65 | 37.5 | 39.16 | | | | | 39.06 |
| SLF-17 | 40.87 | 42.47 | 42.39 | 40.94 | 36.07 | 41.1 | 42.4 | | 43.45 | 43.41 | | 42.65 |
| SLF-21 | 35.63 | 35.28 | 36.09 | 34.62 | 28.97 | 34.45 | 36.21 | | 37.26 | 37.52 | | 34.78 |
| SLF-23 | 48.19 | 48.2 | 48.22 | 47.77 | 43.46 | 46.01 | 46.62 | | | | | |
| SLF-26 | | | | | | | | | | | | |
| SLF-27 | 38.18 | 38.25 | 38.75 | 37.49 | 33.3 | 36.89 | 38.45 | | 38.97 | 39.21 | | 37.4 |

**TABLE D-2: 1990 Observed Water Levels from Monitor Well Network
(Continued)**

| WELL NAME | 1990 OBSERVED WATER LEVELS IN FEET OF HEAD/NGVD | | | | | | | | | | | |
|-----------|---|-------|-------|-------|-------|-------|-------|-----|-------|-------|-----|-------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| SLF-36 | 38.02 | 38.20 | 38.86 | 37.52 | 35.45 | 36.6 | 38.11 | | 39.13 | 39.14 | | 37.67 |
| SLF-40 | 38.61 | 38.69 | 39.29 | 37.88 | 34.83 | 37.07 | 38.47 | | 39.56 | 39.87 | | 38.44 |
| SLF-46 | 29.21 | 31.31 | 25.46 | 30.11 | 28.26 | 30.11 | | | | | | 30.91 |
| SLF-47 | 32.46 | 32.41 | 32.81 | 29.76 | 31.51 | 34.16 | 33.51 | | 34.71 | 33.31 | | 36.91 |
| SLF-50 | 40.34 | 40.48 | 40.77 | 39.78 | 37.28 | 39.09 | 40.19 | | 41.17 | 41.15 | | 40.19 |
| SLF-61 | 45.47 | 45.49 | 45.8 | 44.97 | 42.7 | 44.25 | 45.02 | | 46.1 | 46.03 | | 45.4 |
| SLF-62 | 43.37 | 43.40 | 43.56 | 42.89 | 40.91 | 42.29 | 43.53 | | 44.06 | 44.16 | | 43.86 |
| SLF-63 | 38.71 | 38.92 | 27.69 | 37.91 | 35.7 | 36.82 | 38.82 | | 40.06 | 40 | | 38.47 |
| SLF-64 | 39.68 | 40* | 40.38 | 39.05 | 36.71 | 37.93 | 40.1 | | 41 | 41.22 | | 39.48 |
| SLF-65 | 39.04 | 39.26 | 39.77 | 38.42 | 31.68 | 37.29 | 39.35 | | 40.08 | 39.99 | | 38.94 |
| SLF-66 | 38.51 | 38.39 | 39.23 | 37.13 | 35.25 | 36.53 | 38.58 | | 39.73 | 39.57 | | 37.72 |
| SLF-67 | 42.94 | 42.88 | 43.23 | 42.06 | 39.57 | 41.44 | 42.73 | | 43.64 | 43.44 | | 42.19 |
| SLF-68 | 42.72 | 42.84 | 43.12 | 42.19 | 39.26 | 41.22 | 42.56 | | 43.64 | | | 42.55 |
| SLF-69 | 40.34 | 40.37 | 40.66 | 39.8 | 36.92 | 39.09 | 40.19 | | 41.11 | 41.15 | | 39.68 |
| SLF-70 | 31.48 | 31.78 | 32.54 | 30.38 | 26.01 | 30.21 | 32 | | 33.86 | 33.66 | | 30.63 |
| SLF-71 | 37.86 | 38.81 | 39.31 | 38.11 | 37.01 | 37.91 | 39.11 | | 40.36 | 40.21 | | 39.51 |
| SLF-60 | 43.65 | 43.44 | | | 42.53 | 43.08 | 43.85 | | 43.95 | | | |
| IR-10 | | | | | | | | | | | | |
| IR-40 | 32.24 | 32.48 | 33.08 | 31.54 | 28.95 | 30.5 | 31.78 | | 33.35 | 33.29 | | 32.29 |
| IR-312 | 33.69 | 34.23 | 35.62 | 33.41 | 29.04 | 33.74 | 34.32 | | 36.11 | 37.15 | | 33.52 |
| IR-313 | 34.98 | 35.75 | 35.99 | 34.72 | 31.74 | 33.24 | 34.64 | | 36.42 | 36.26 | | 35.41 |
| IR-365 | 49.85 | 50.29 | 49.63 | | 48.14 | 48.69 | 49.6 | | 51.31 | 51.37 | | 50.81 |
| IR-368 | 32.73 | 33.78 | 34.53 | 32.83 | 29.88 | 31.23 | 32.13 | | 33.48 | 33.53 | | 32.48 |
| IR-370 | 37.25 | 37.46 | 36.29 | | 31.92 | 35.41 | 36.71 | | 38.13 | 38.01 | | 36.6 |
| IR-373 | 40.23 | 40.7 | 41.18 | 39.68 | 35.95 | 37.52 | 40.13 | | 41.45 | 41.57 | | 40.55 |

TABLE D-3: 1991 Observed Water Levels from Monitor Well Network

| 1991 OBSERVED WATER LEVELS IN FEET OF HEAD/NGVD | | | | | | | |
|---|-------|-------|-------|--------|-------|-------|-------|
| WELL# | JAN | FEB | MAR | WELL# | JAN | FEB | MAR |
| MF-2 | 47.86 | 48.89 | 48.75 | SLF-26 | | | |
| MF-3 | 44.24 | 45.24 | 45.19 | SLF-27 | 36.12 | 39.37 | 38.97 |
| MF-9 | 48.42 | 49.83 | 49.27 | SLF-36 | 36.75 | 38.94 | 38.76 |
| MF-23 | 47.69 | 48.43 | 48.45 | SLF-40 | 37.21 | 39.29 | 39.17 |
| MF-31 | 44.7 | 45.4 | 45.45 | SLF-46 | 28.56 | 28.31 | 31.81 |
| MF-33 | | | | SLF-47 | 32.16 | 34.21 | 35.36 |
| MF-35 | 46.96 | 47.94 | 48.49 | SLF-50 | 39.38 | 40.98 | 40.72 |
| MF-51 | | | | SLF-61 | 44.65 | 45.86 | |
| MF-52 | 47.48 | 49.94 | 49.8 | SLF-62 | 43.01 | 44.23 | 44.35 |
| MF-53 | | | | SLF-63 | 37.61 | 39.83 | 40.10 |
| MF-54 | 43.41 | 43.96 | 44.96 | SLF-64 | 38.52 | 41.04 | 40.81 |
| MF-55 | 40.50 | 43.6 | 40.05 | SLF-65 | 37.91 | 39.79 | 39.67 |
| OKF-3 | 42.76 | 43.94 | 43.92 | SLF-66 | 36.06 | 38.93 | 38.74 |
| OKF-7 | 44.3 | 45.46 | 45.29 | SLF-67 | 41.47 | 43.60 | 43.37 |
| OKF-23 | | | | SLF-68 | 42.12 | 44.46 | 44.22 |
| OKF-31 | 43.62 | 45.38 | 45.07 | SLF-69 | 39.34 | 41.23 | 40.67 |
| OKF-71 | 39.88 | 41.88 | 43.36 | SLF-70 | 29.68 | 33.82 | 33.46 |
| OKF-72 | 42.27 | 41.97 | | SLF-71 | 38.46 | 40.06 | 39.56 |
| OKF-73 | 40.74 | 42.2 | 41.91 | SLF-60 | | | |
| OKF-74 | 42.74 | 43.98 | 43.83 | IR-10 | | | |
| PBF-1 | 46.9 | 47.75 | 48.2 | IR-40 | 31.10 | 33.36 | 32.98 |
| SLF-3 | 35.67 | 38.82 | 38.4 | IR-312 | 32.60 | 36.69 | 35.89 |
| SLF-4 | 36.52 | 38.74 | 38.36 | IR-313 | 34.06 | 36.30 | 36.77 |
| SLF-11 | 37.87 | | | IR-365 | 50.57 | 51.02 | 50.84 |
| SLF-17 | 39.45 | 43.43 | 43.88 | IR-368 | 31.53 | 33.38 | 33.13 |
| SLF-21 | 33.11 | 36.86 | 36.9 | IR-370 | 35.71 | | |
| SLF-23 | | | | IR-373 | 38.86 | 41.72 | 41.38 |

APPENDIX E

**COMPUTED AND OBSERVED HYDROGRAPHS
REPRESENTING MONITOR WELLS
MAY 1989 THROUGH MARCH 1991**

APPENDIX E

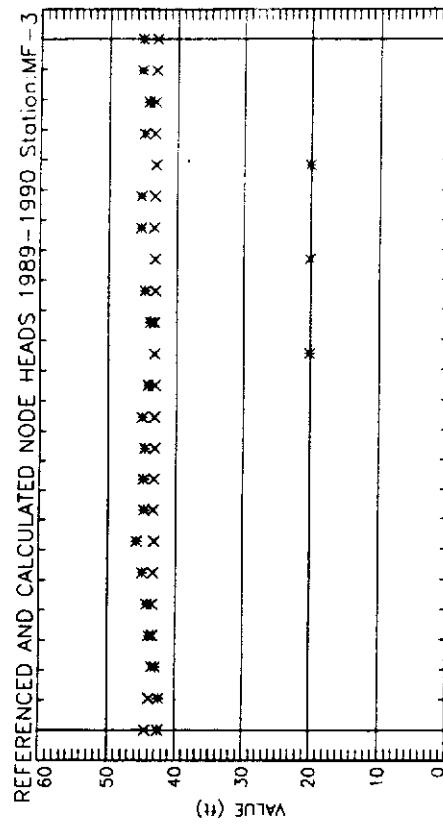
INTRODUCTION

Comparative hydrographs were developed to compare computed and observed monthly water levels. The period of record graphed was May 1989 to March 1991. Some wells did not have a complete record of 23 observed water levels. In these cases, a standard value of +20 feet was assigned the missing month. Therefore, when reading the hydrographs, ignore all observed levels with this value.

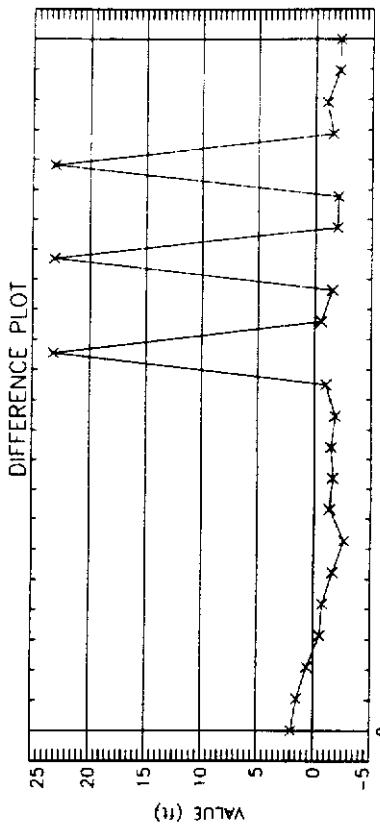
The codes used were:

* = Observed water level

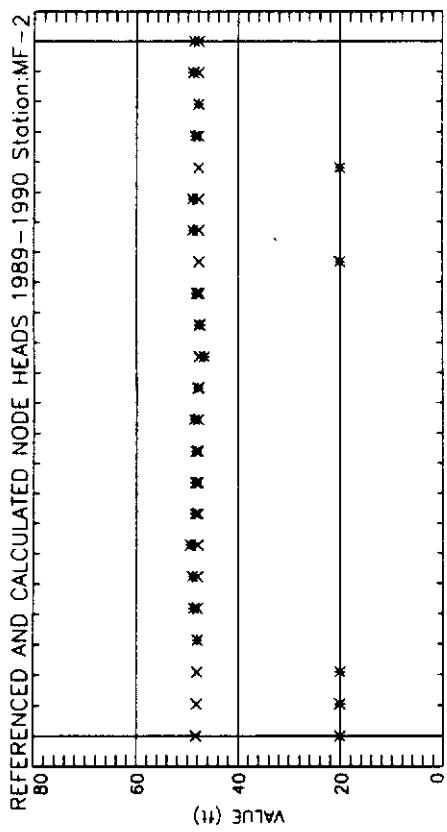
X = Computed water level



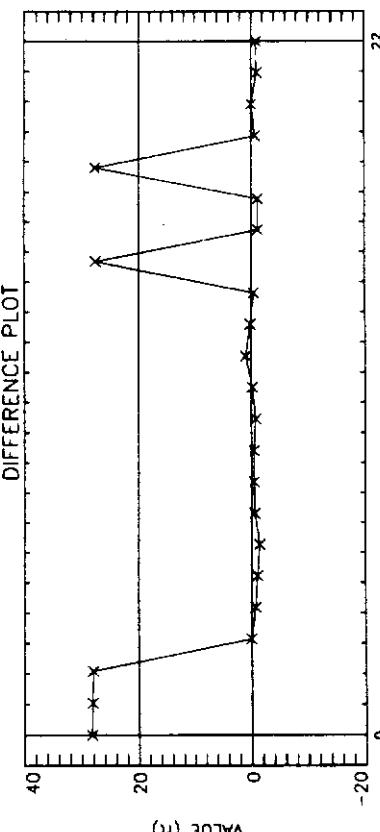
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jon Feb Mar
Layer 2 Row 32 Column 42 NOTE: Observed • Calculated x



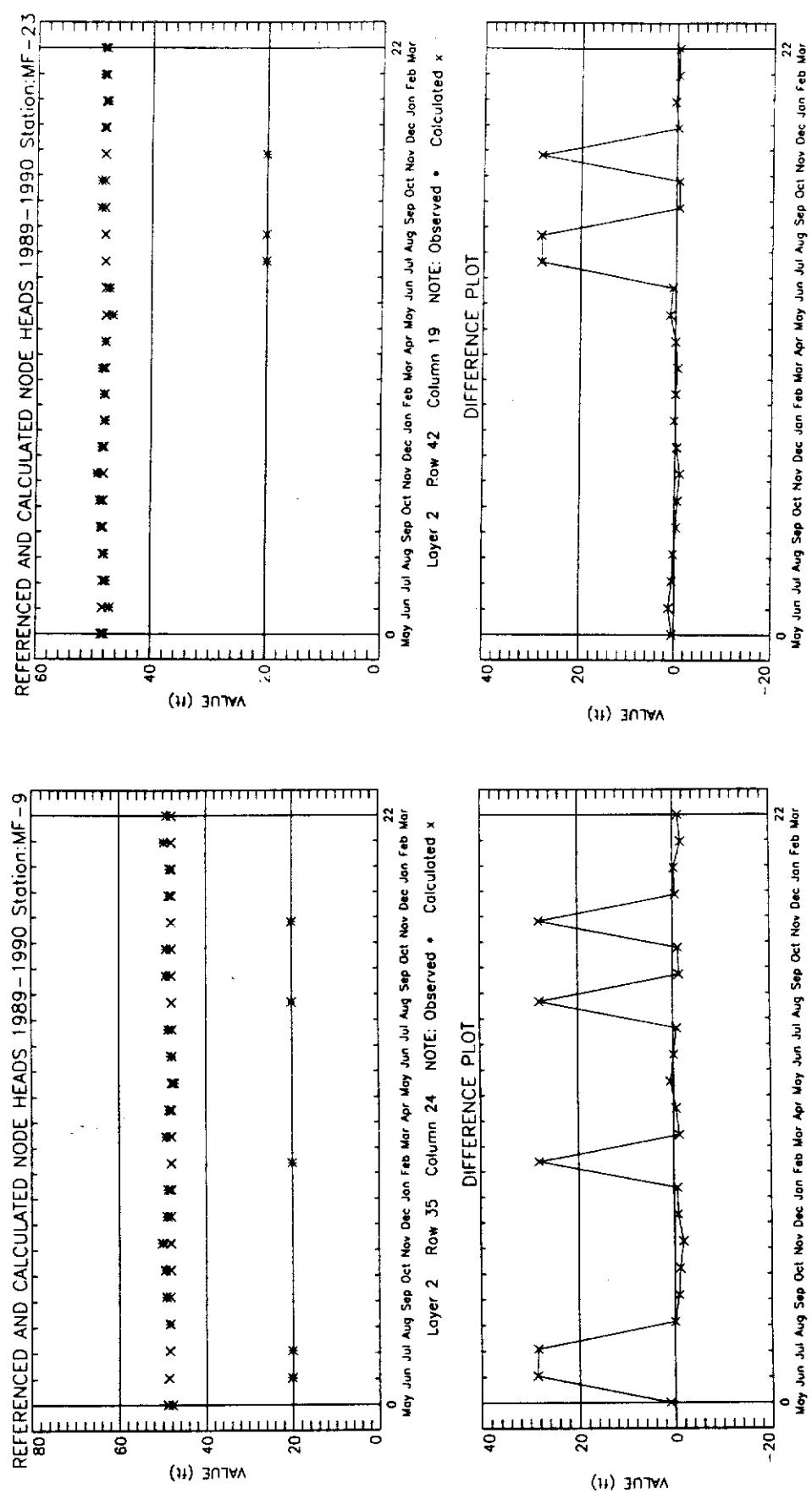
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jon Feb Mar
Layer 2 Row 32 Column 42 NOTE: Observed • Calculated x

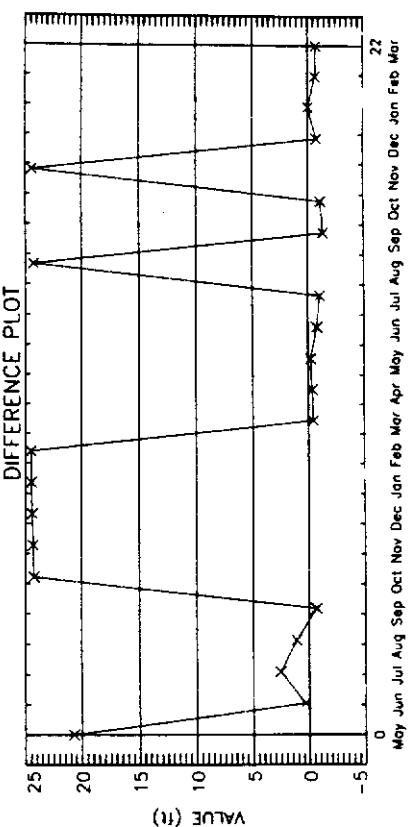
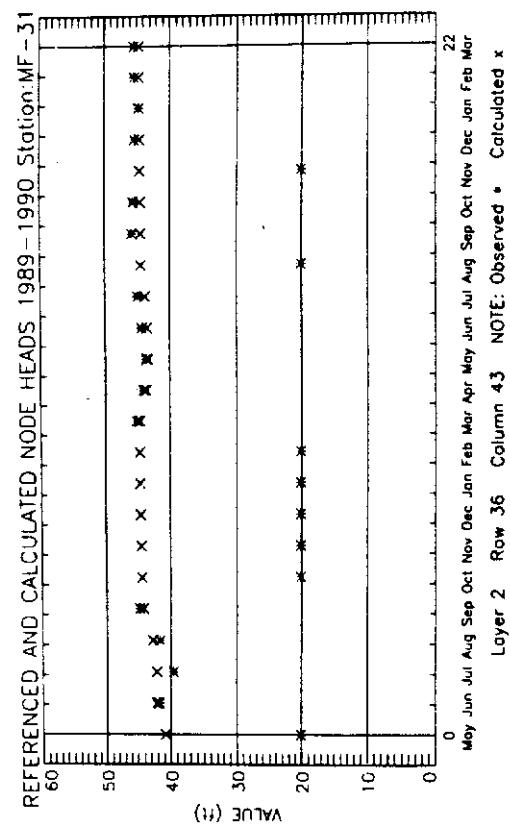
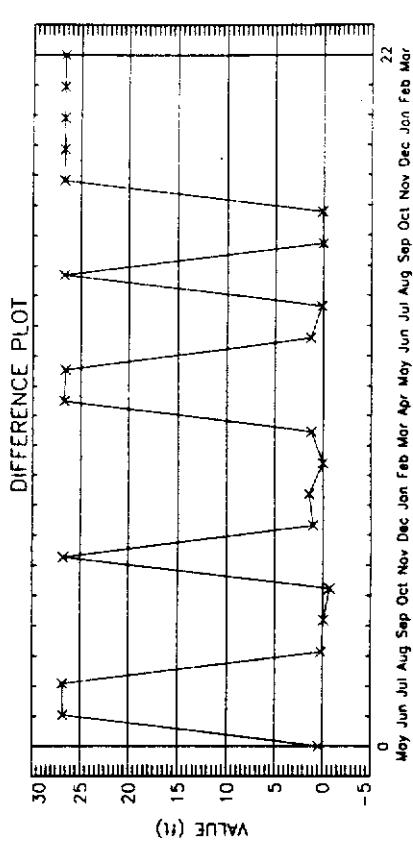
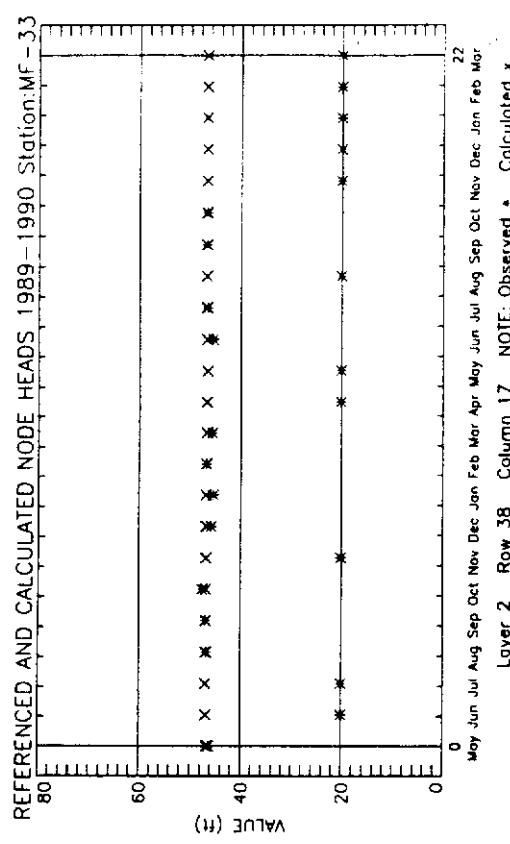


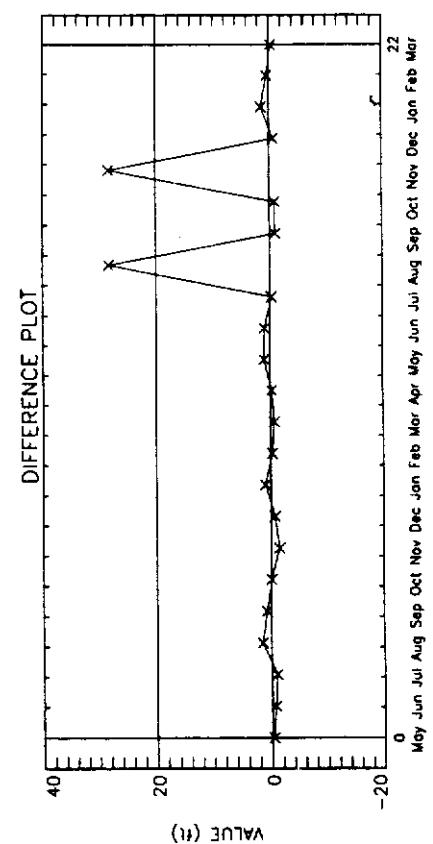
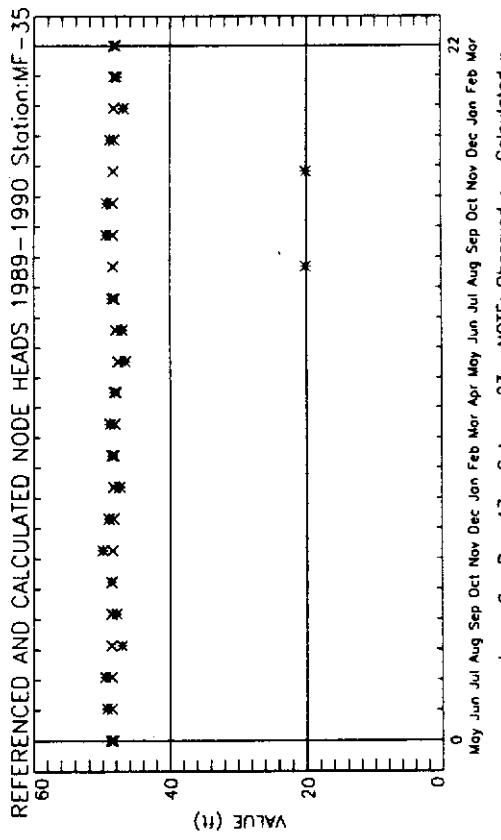
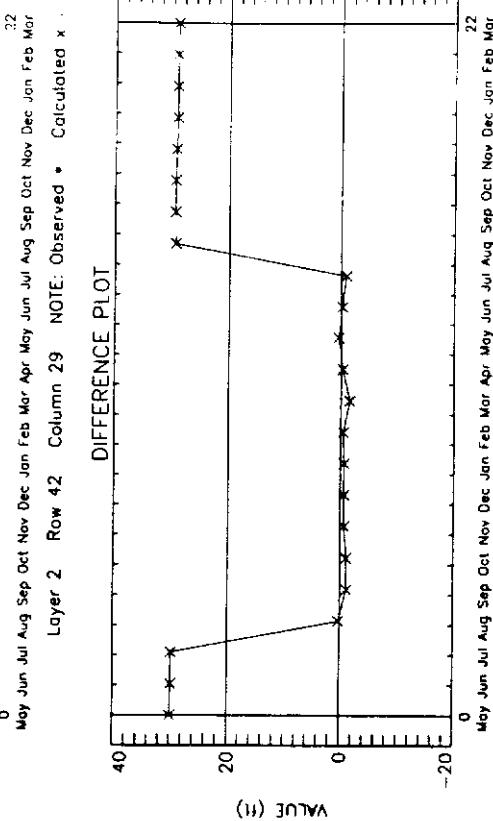
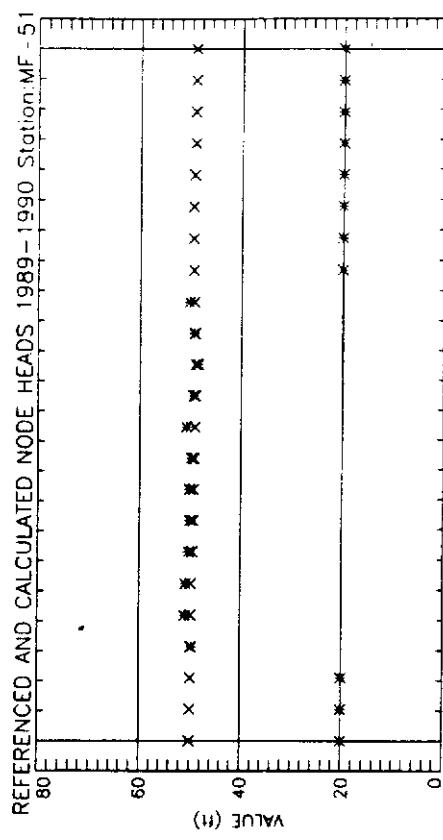
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jon Feb Mar
Layer 2 Row 36 Column 22 NOTE: Observed • Calculated x

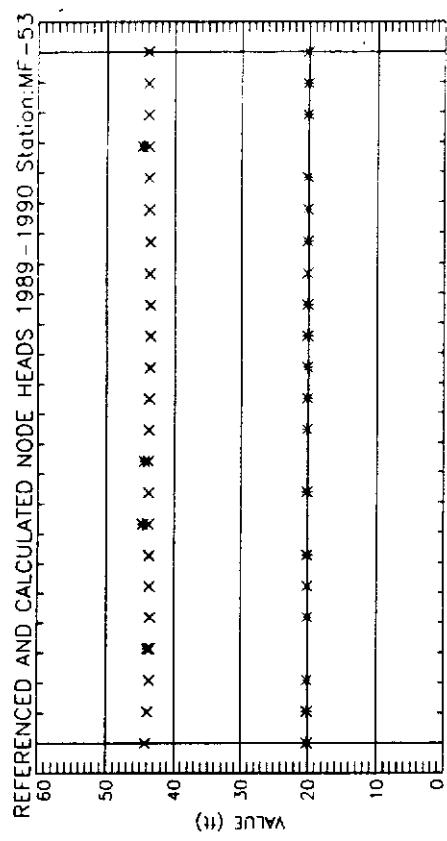


22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jon Feb Mar
Layer 2 Row 36 Column 22 NOTE: Observed • Calculated x



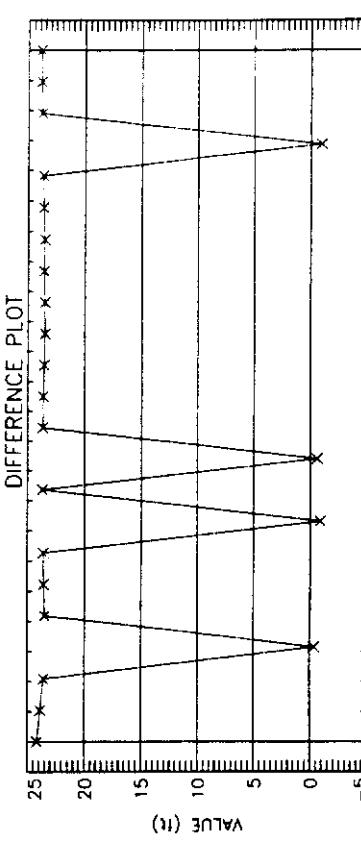




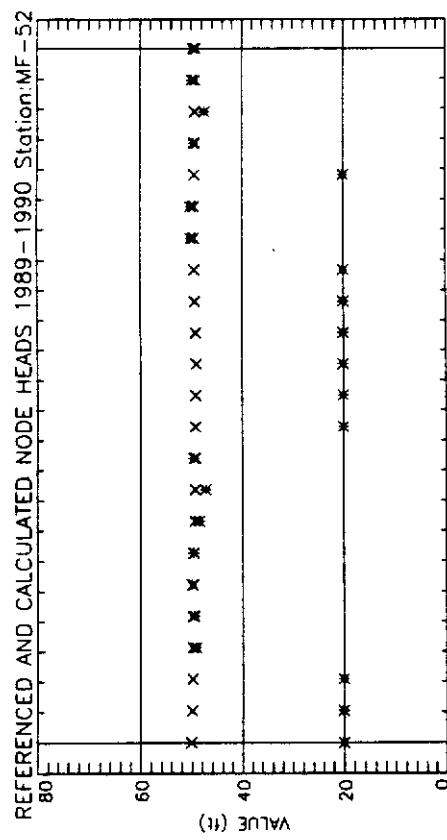


22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

Layer 2 Row 34 Column 43 NOTE: Observed • Calculated x

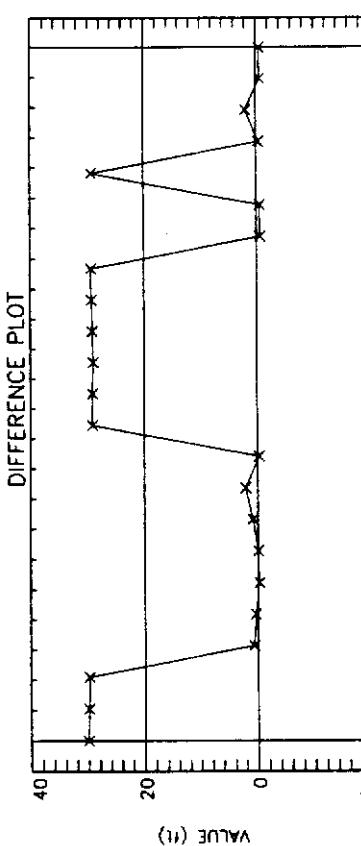


22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

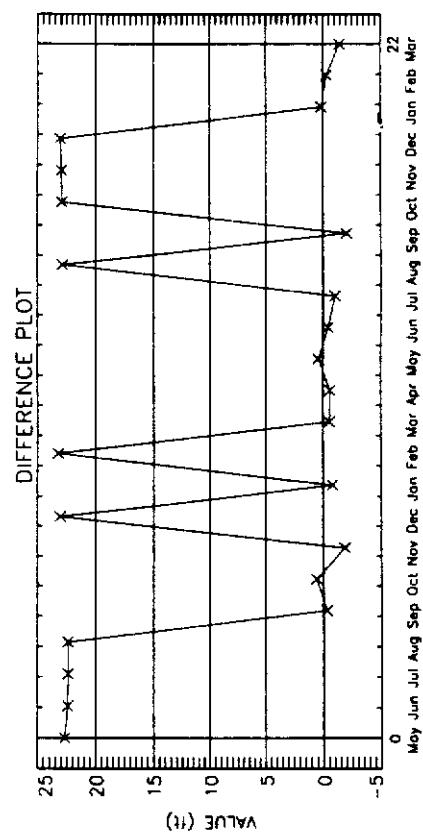
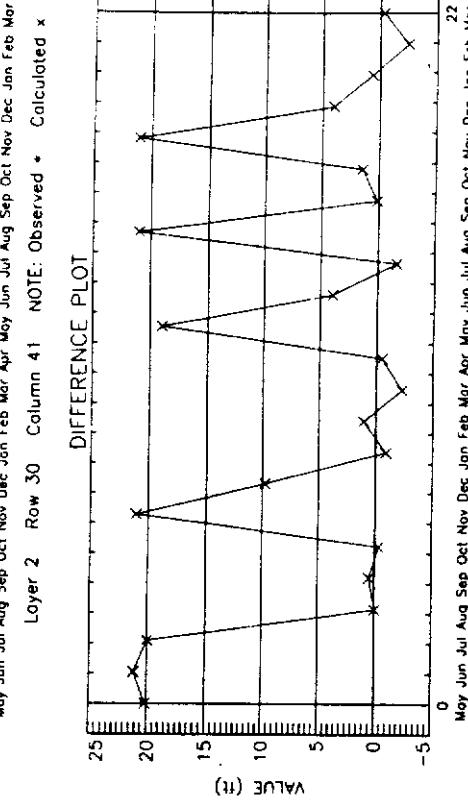
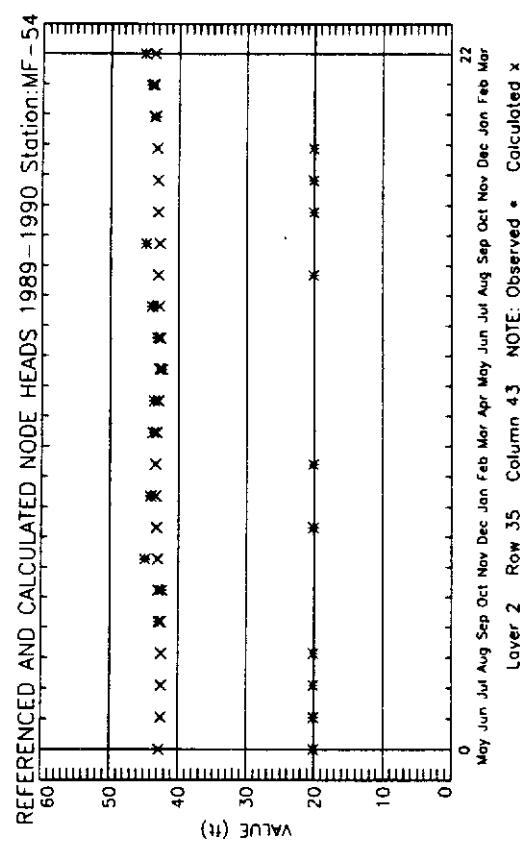


22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

Layer 2 Row 41 Column 29 NOTE: Observed • Calculated x

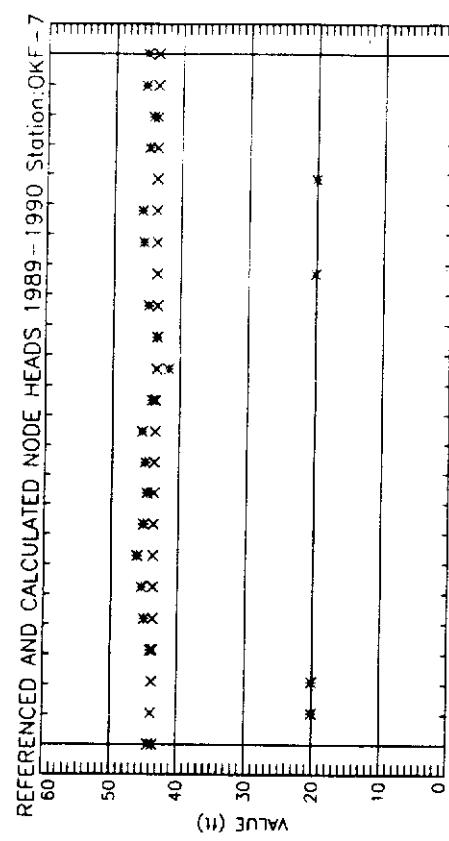


22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

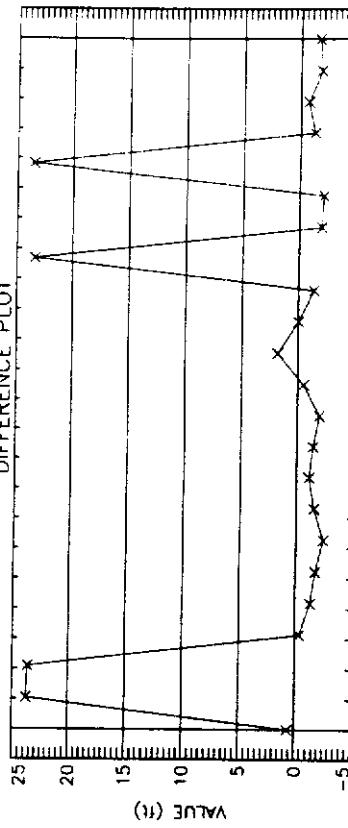
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

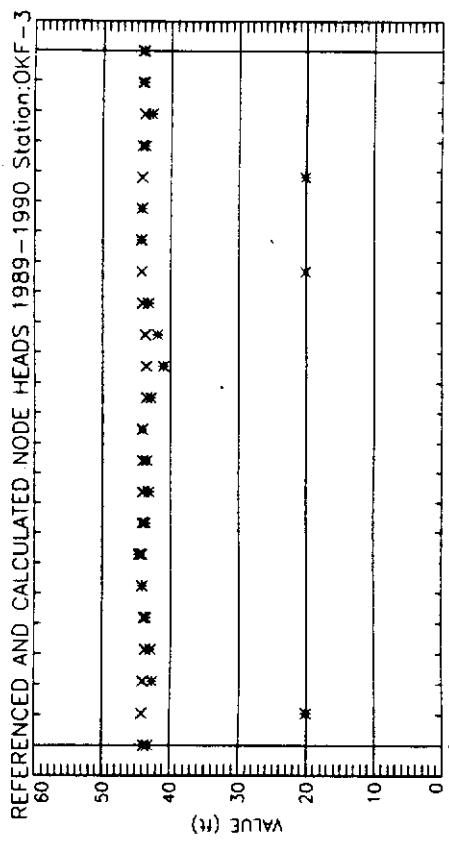
Layer 2 Row 22 Column 5 NOTE: Observed • Calculated x

Difference Plot



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

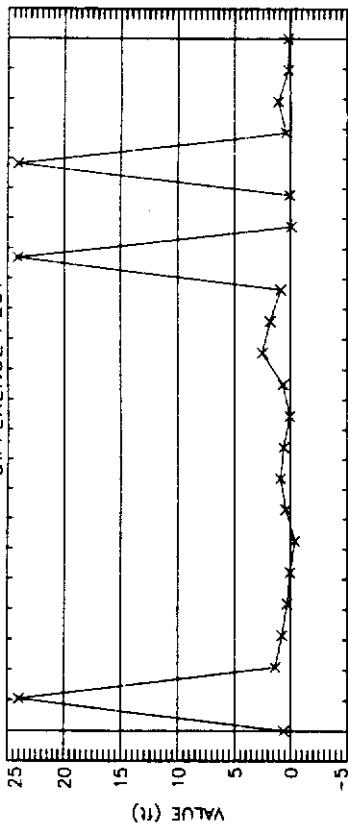
x



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

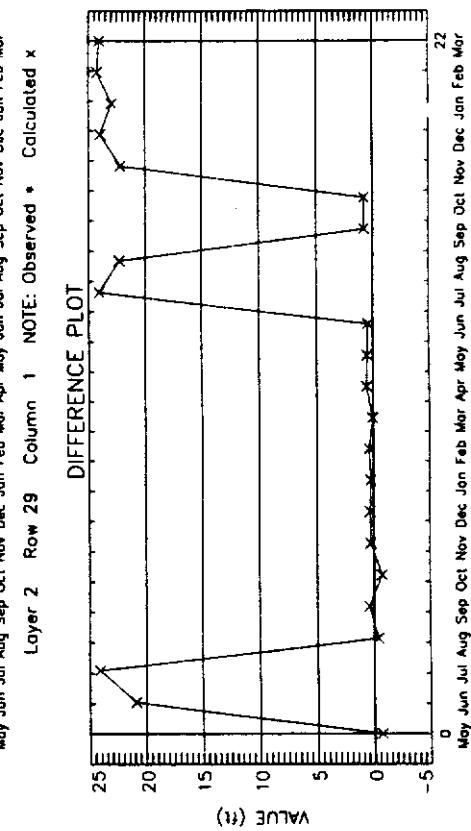
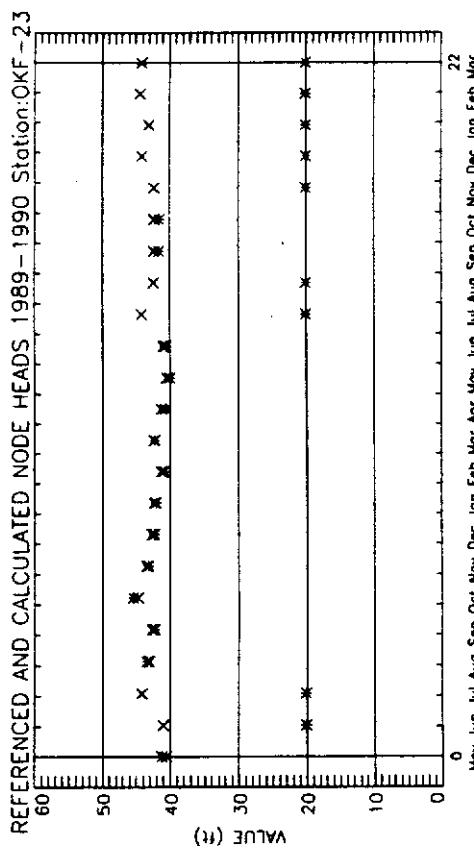
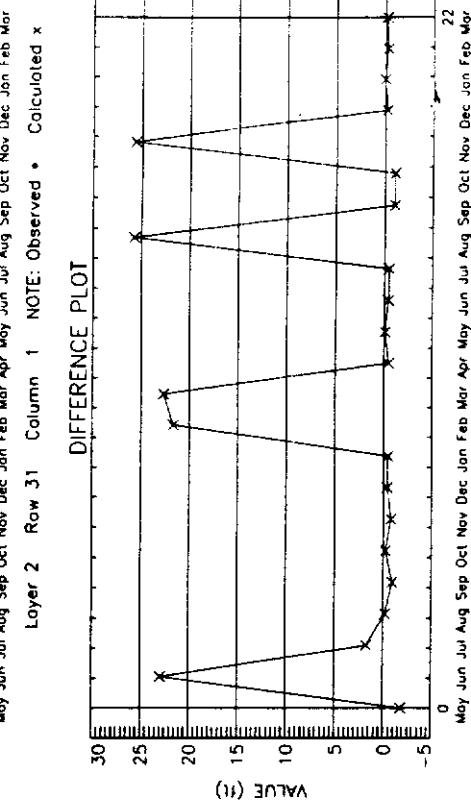
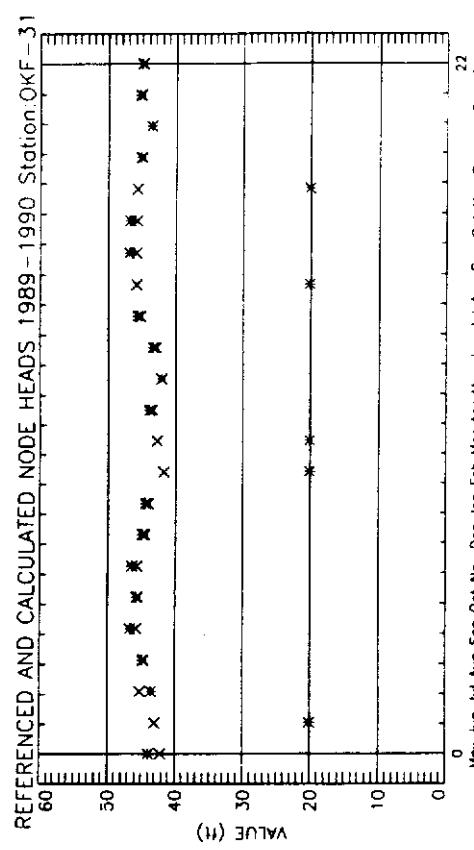
Layer 2 Row 33 Column 10 NOTE: Observed • Calculated x

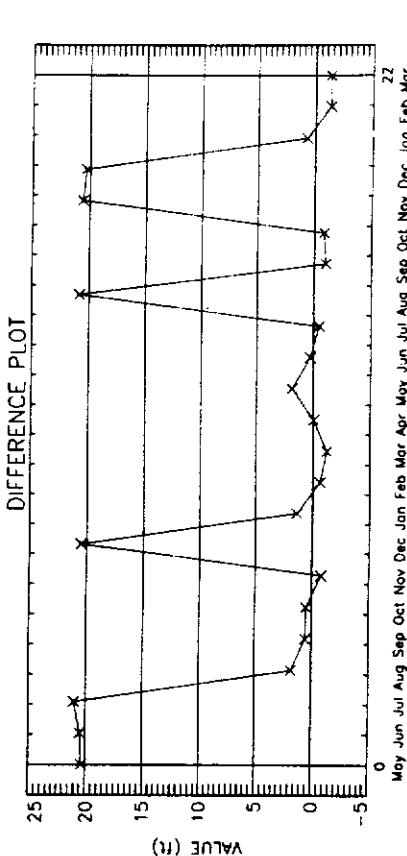
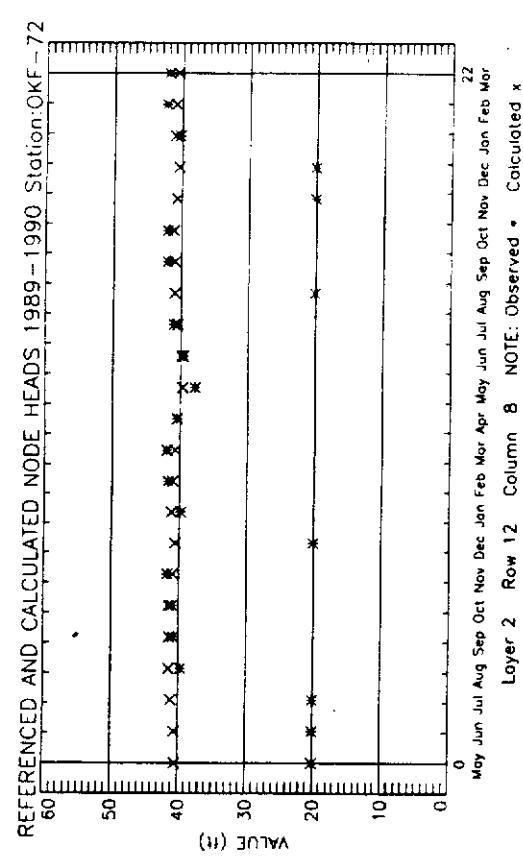
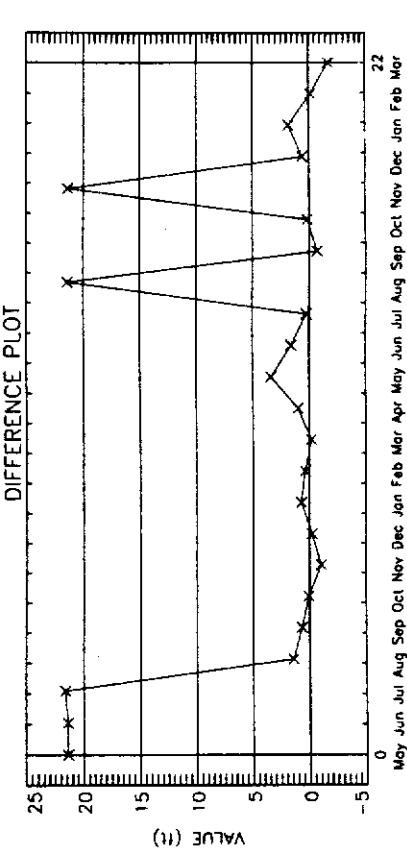
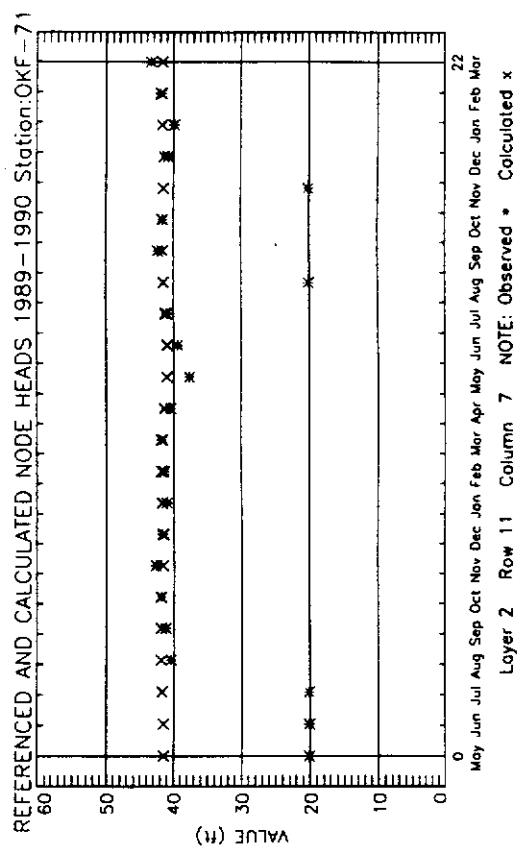
Difference Plot



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

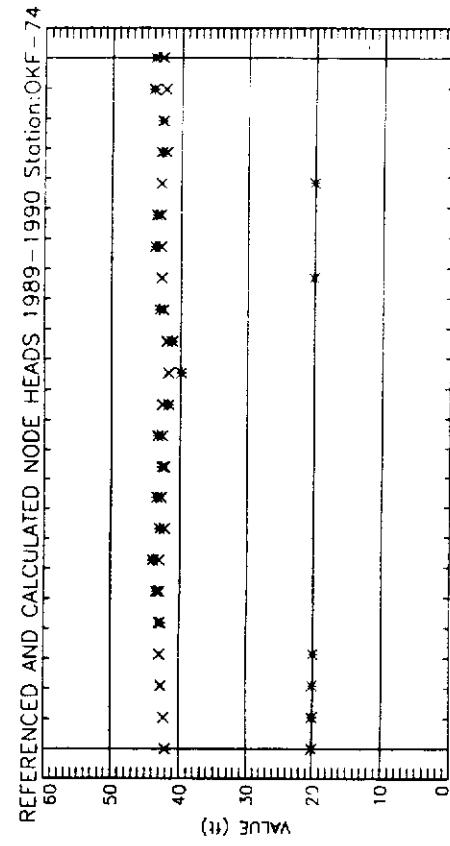
x





REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station:OKF-74

REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station:OKF-73



REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station:OKF-73

REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station:OKF-74

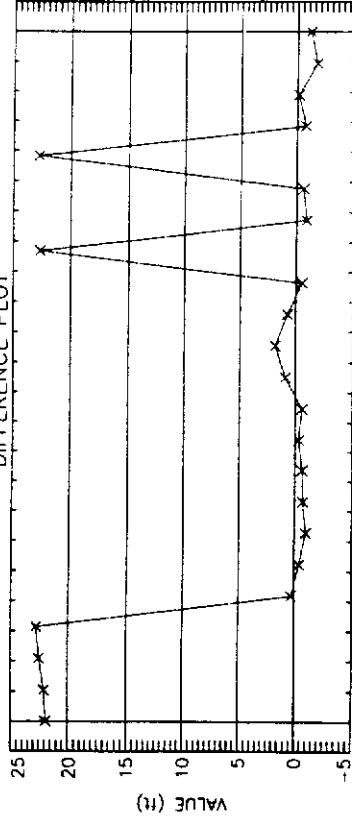
REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station:OKF-73

NOTE: Observed • Calculated x
Layer 2 Row 25 Column 4

NOTE: Observed • Calculated x
Layer 2 Row 25 Column 4

Difference Plot

Difference Plot



NOTE: Observed • Calculated x
Layer 2 Row 25 Column 4

NOTE: Observed • Calculated x
Layer 2 Row 25 Column 4

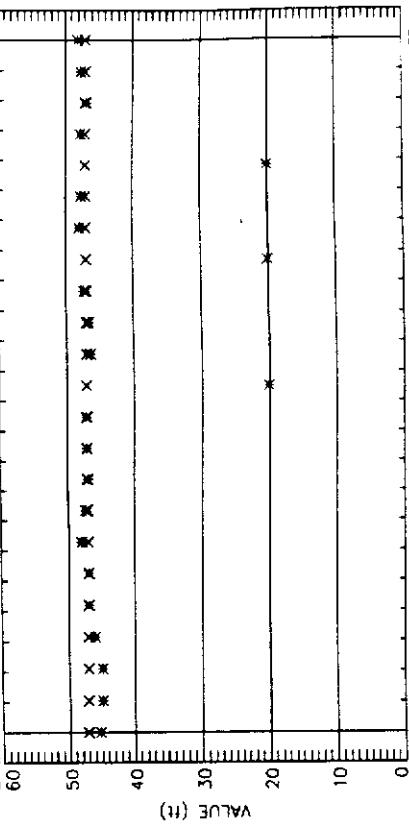
NOTE: Observed • Calculated x
Layer 2 Row 25 Column 4

NOTE: Observed • Calculated x
Layer 2 Row 25 Column 4

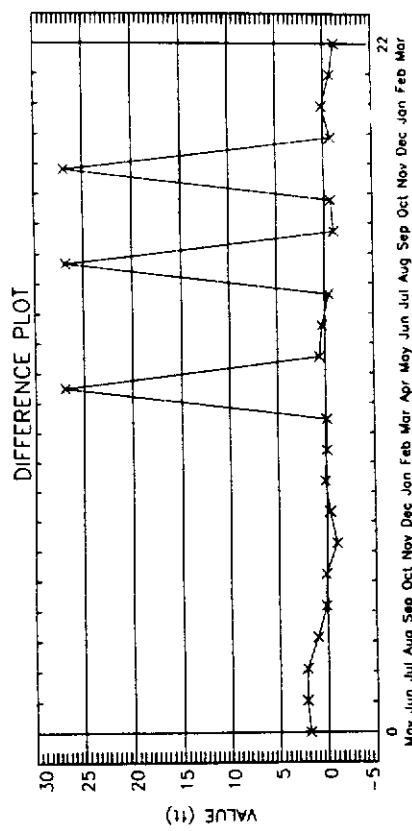
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Layer 2 Row 25 Column 4

NOTE: Observed • Calculated x
Layer 2 Row 25 Column 4

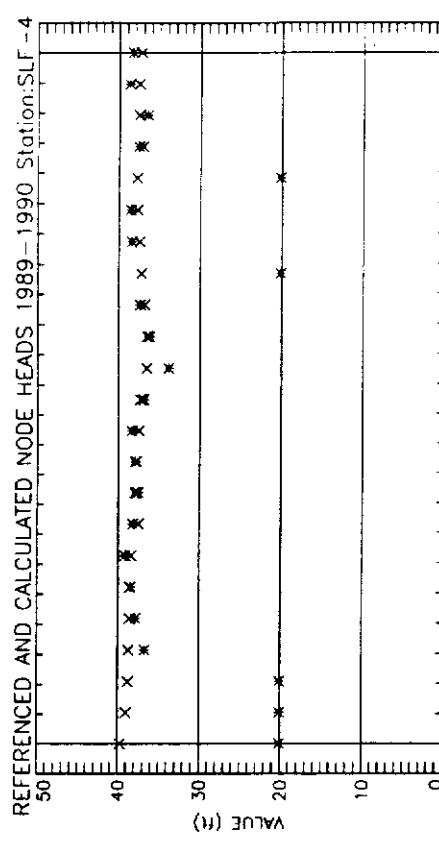
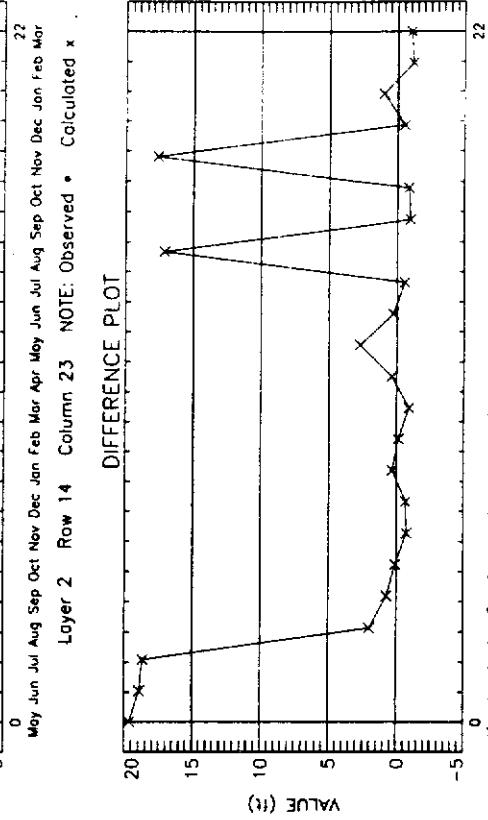
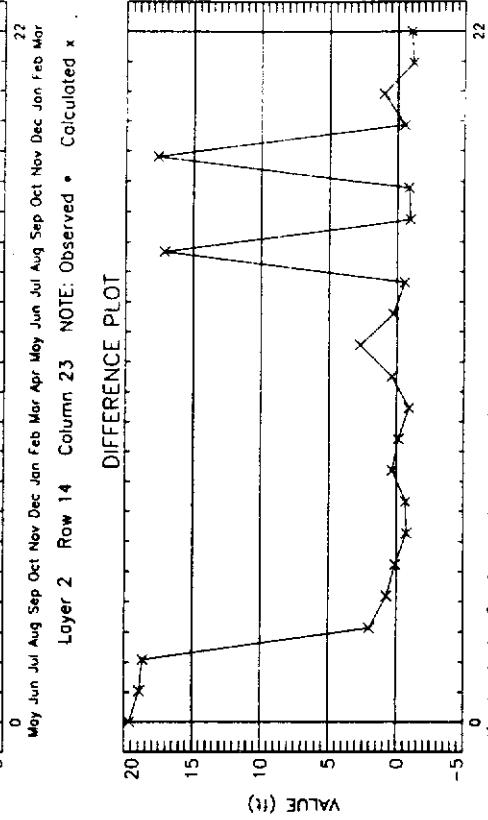
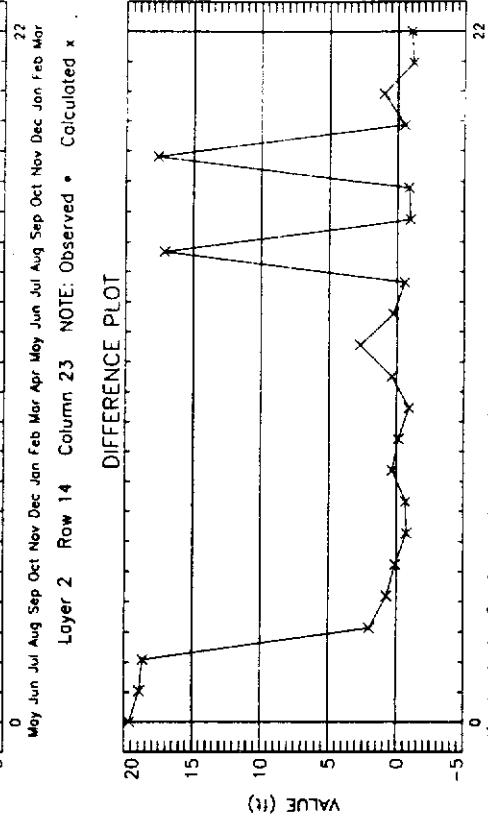
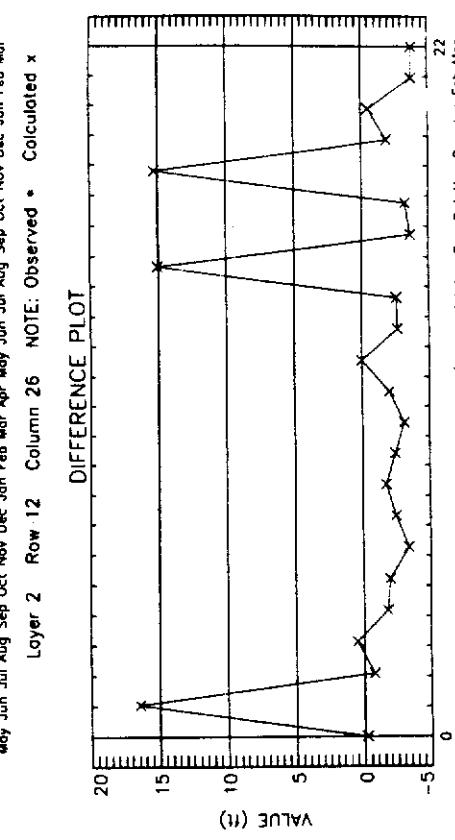
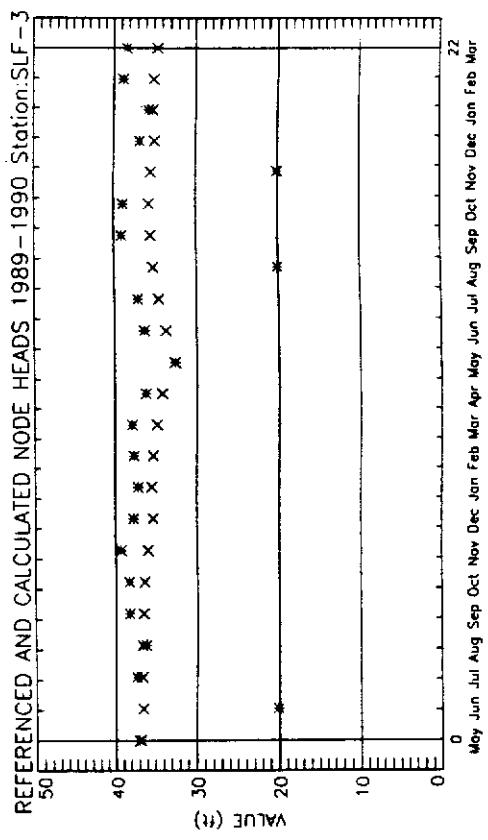
REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station PBF-1

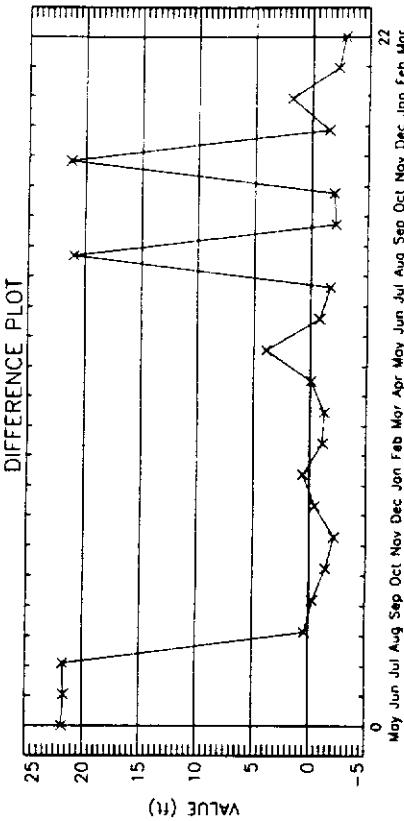
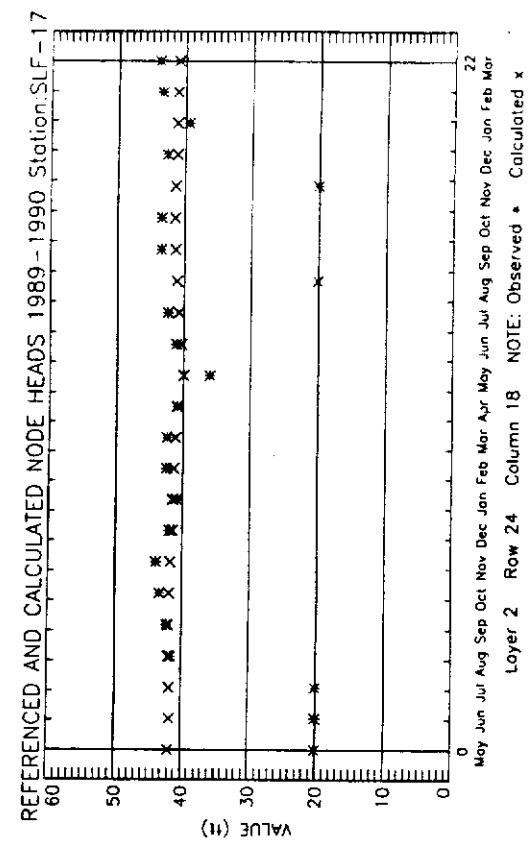
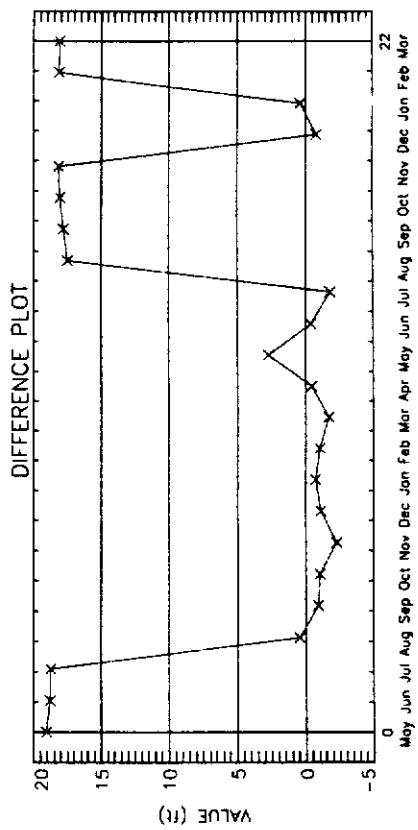
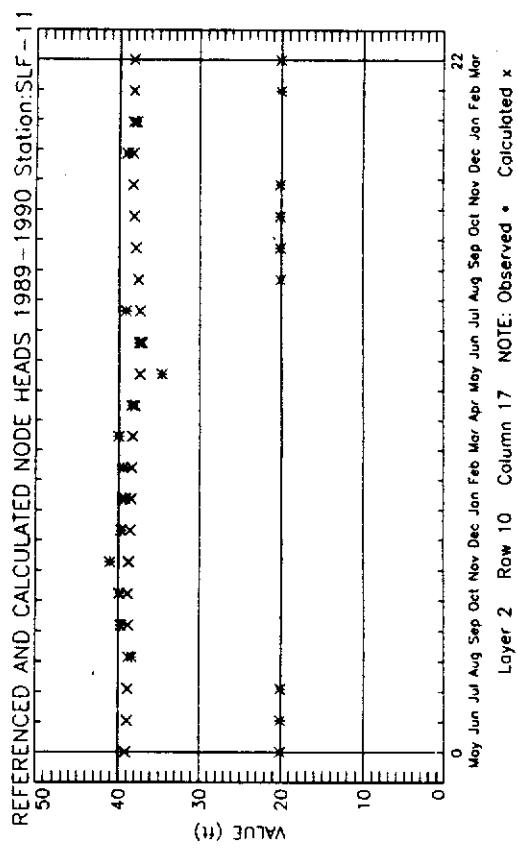


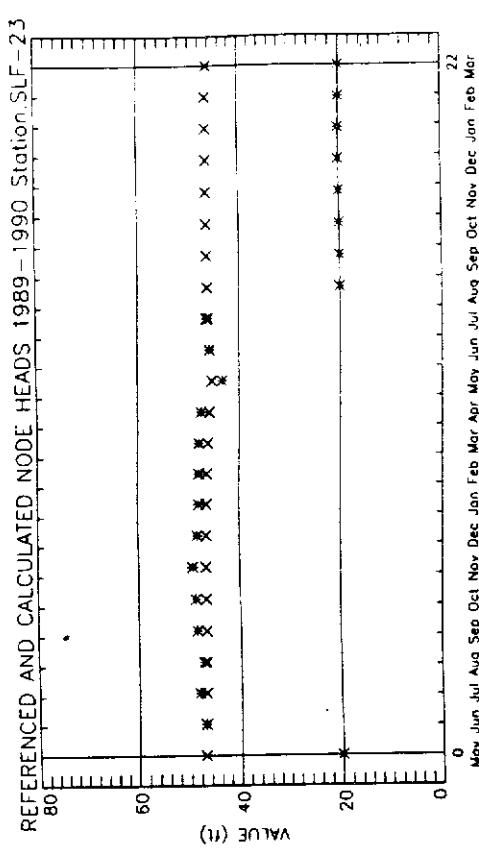
Layer 2 Row 49 Column 48 NOTE: Observed • Calculated x



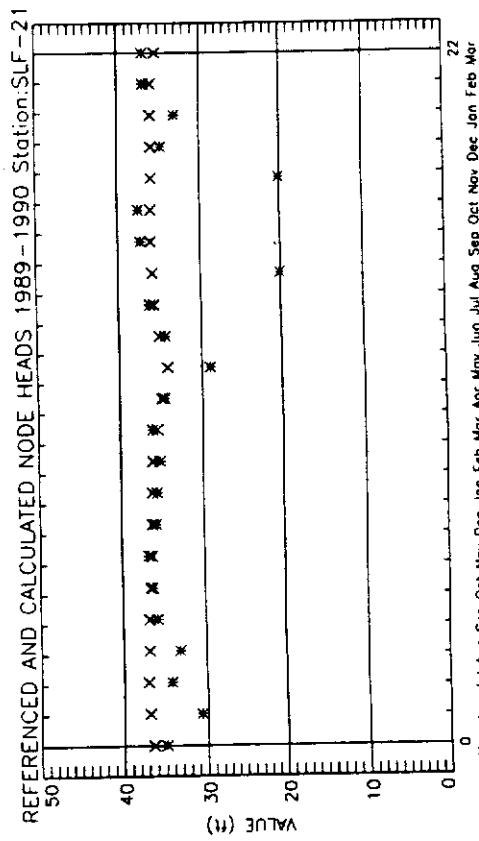
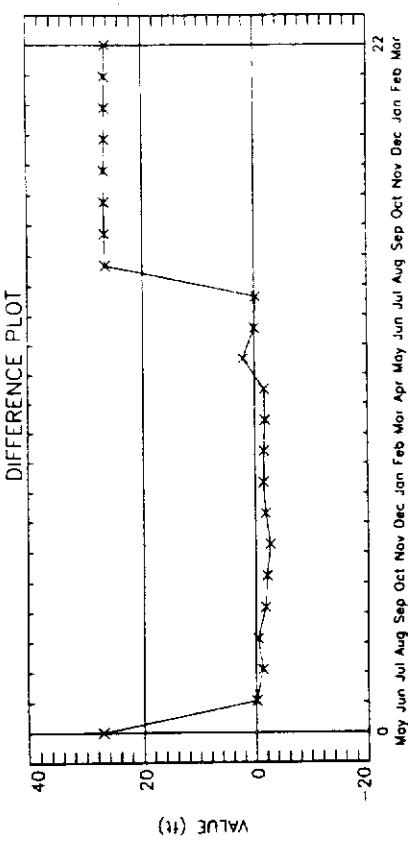
22
0 Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar



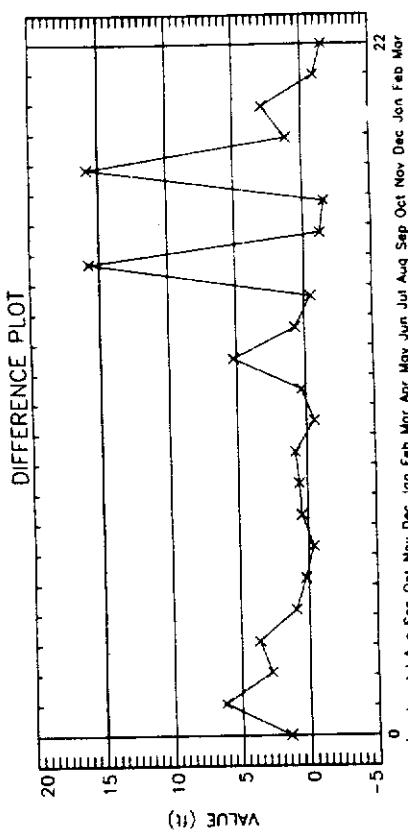


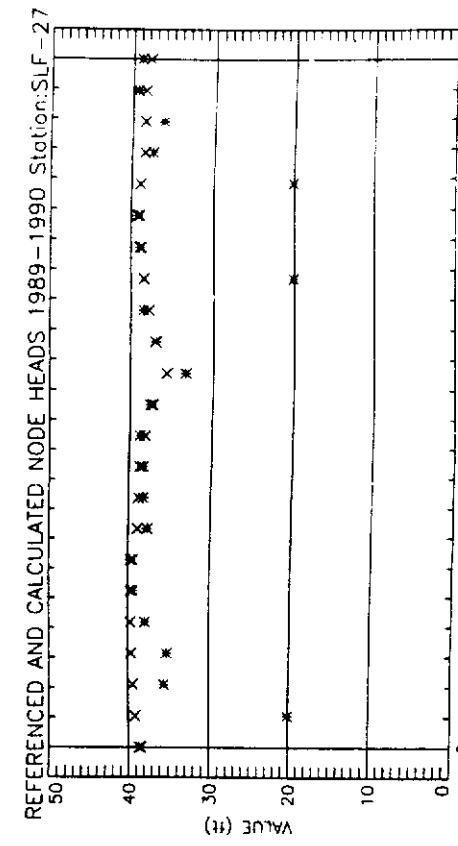


NOTE: Observed • Calculated x
Layer 2 Row 32 Column 24

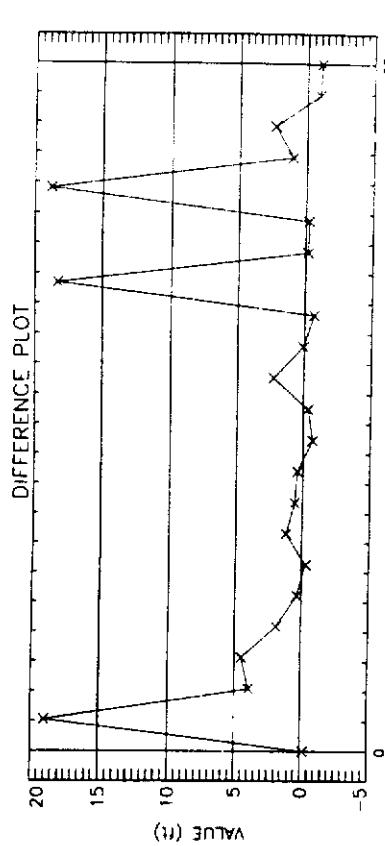


NOTE: Observed • Calculated x
Layer 2 Row 17 Column 28

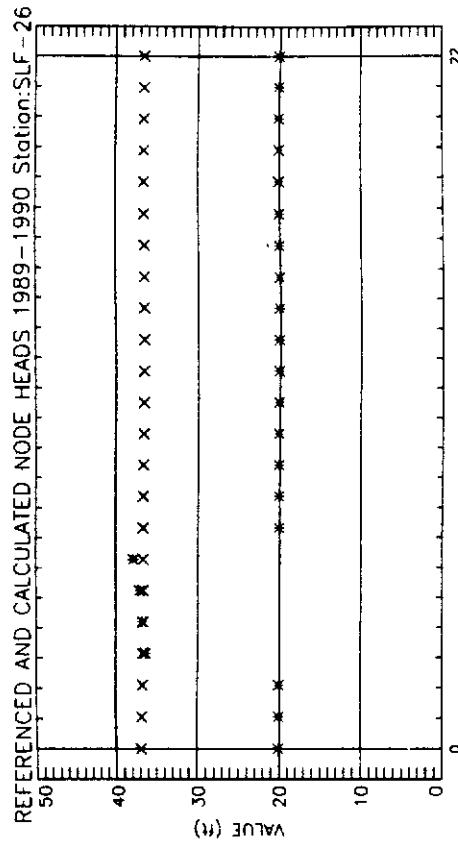




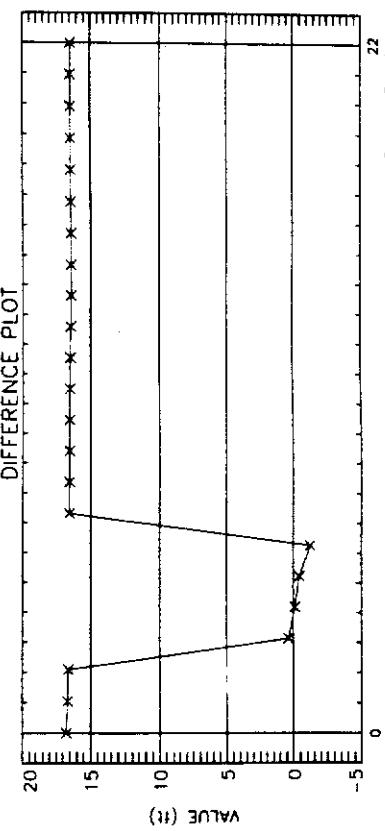
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 20 Column 22 NOTE: Observed *



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 20 Column 22 NOTE: Calculated *

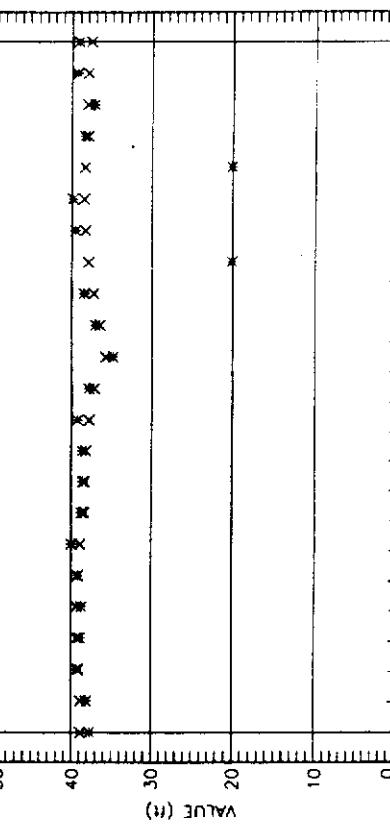


22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 20 Column 34 NOTE: Observed *



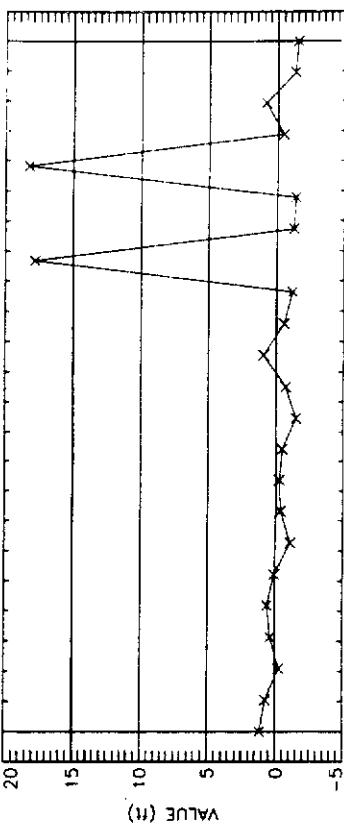
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 20 Column 34 NOTE: Calculated *

REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station SLF - 40



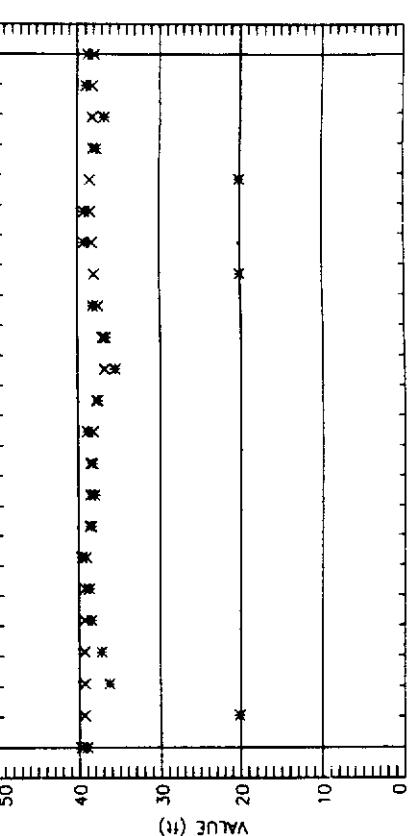
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 18 Column 22 NOTE: Observed • Calculated x

DIFFERENCE PLOT



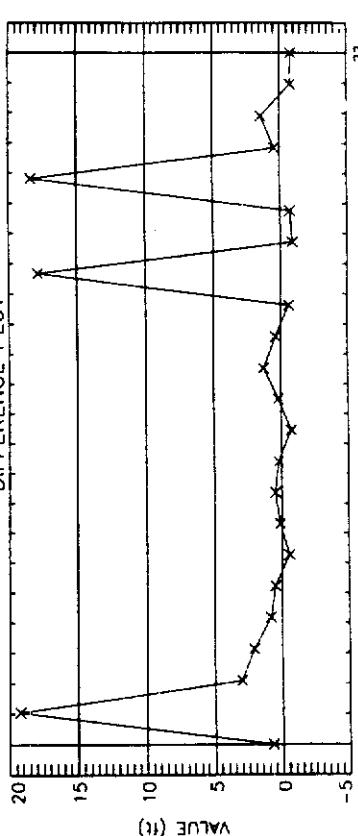
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 18 Column 22 NOTE: Observed • Calculated x

REFERENCED AND CALCULATED NODE HEADS 1989-1990 Station SLF-36

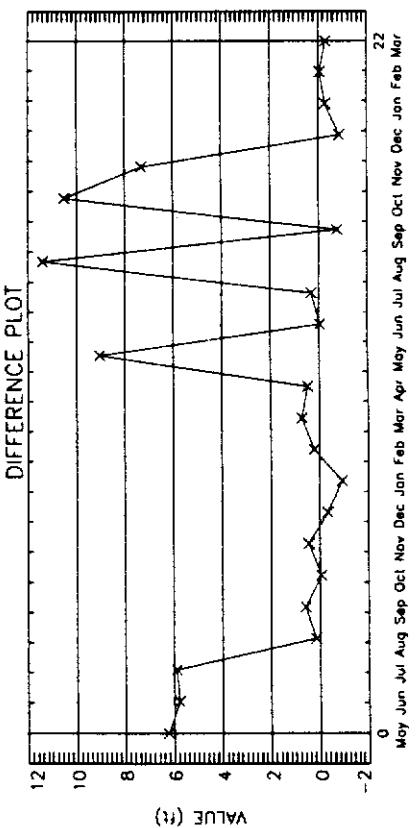
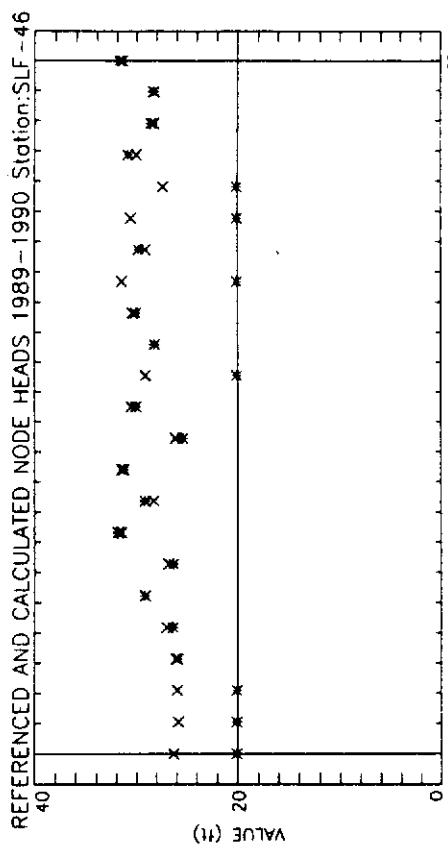
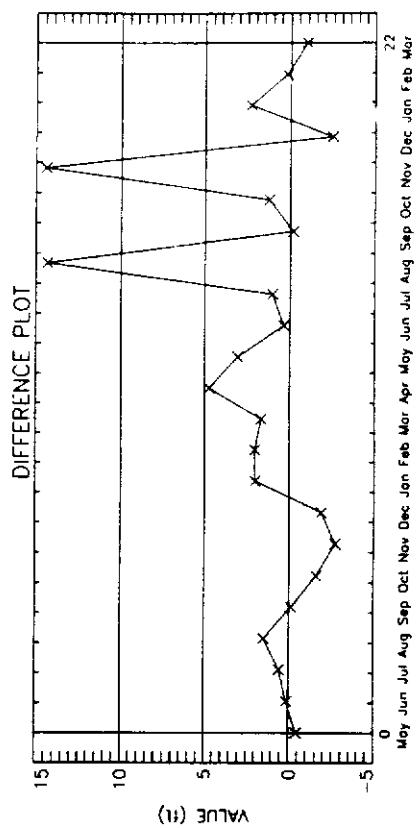
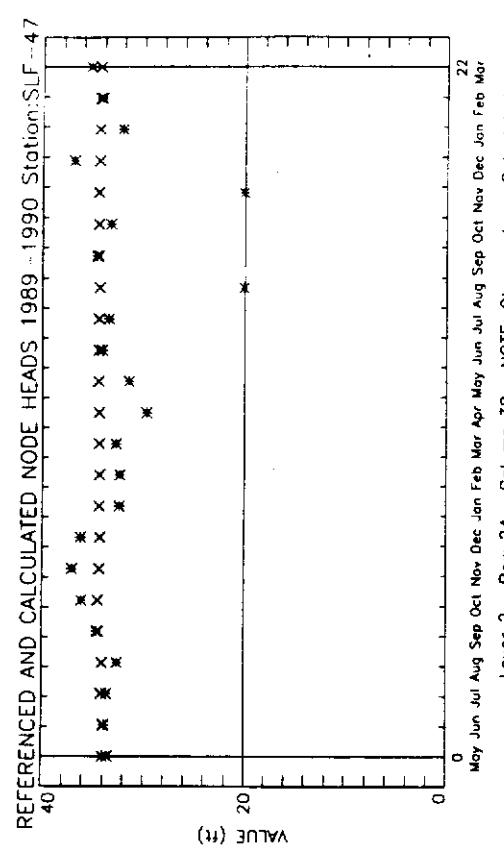


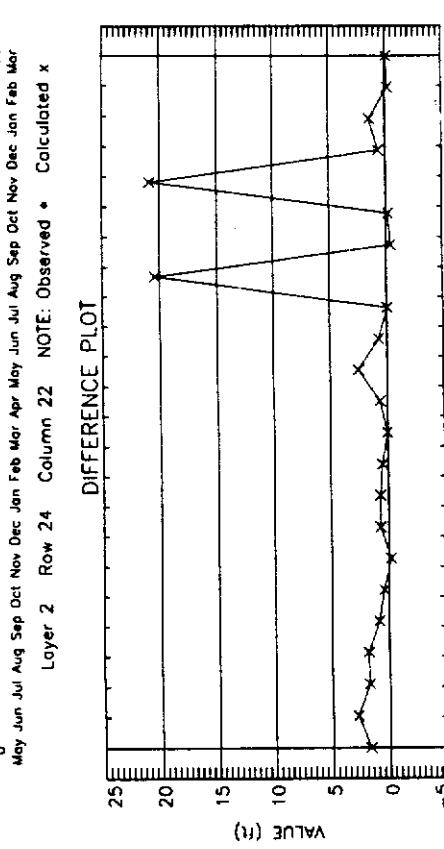
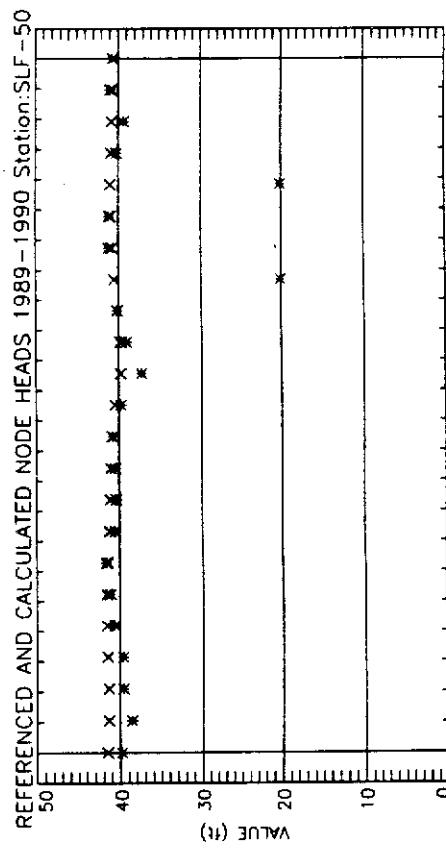
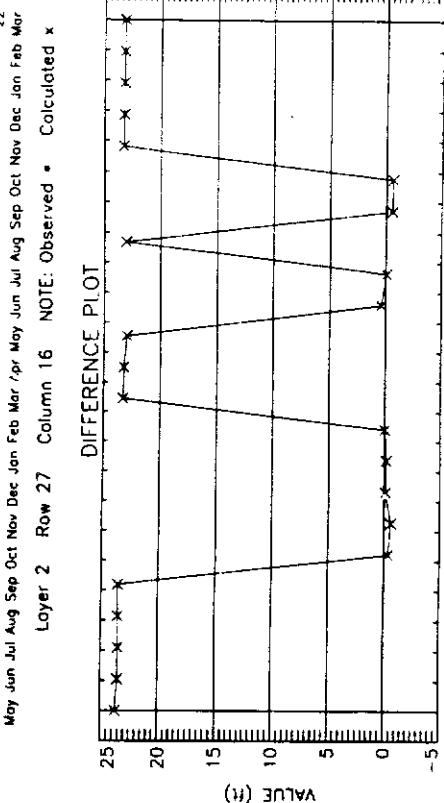
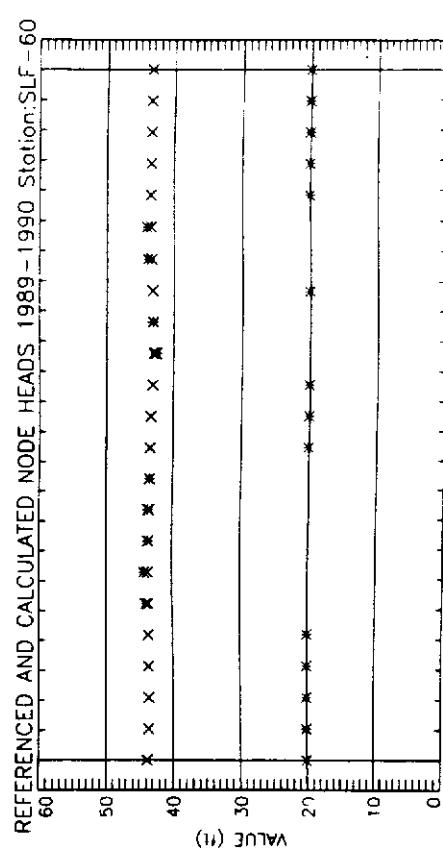
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 15 Column 21 NOTE: Observed • Calculated x

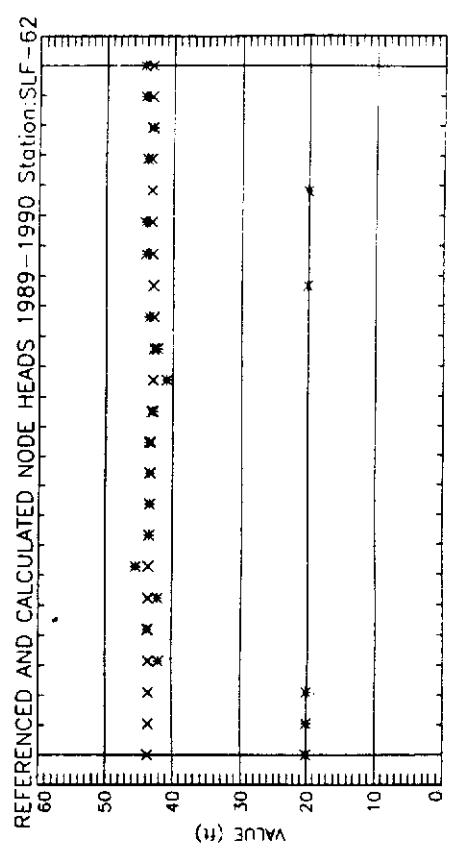
DIFFERENCE PLOT



22
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Layer 2 Row 15 Column 21 NOTE: Observed • Calculated x

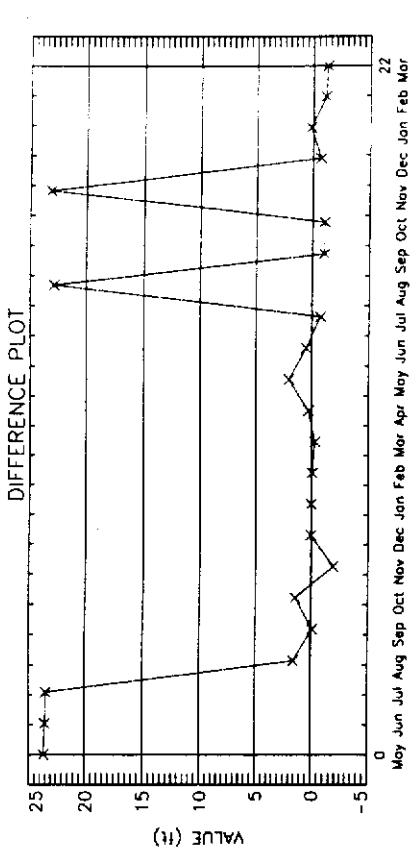




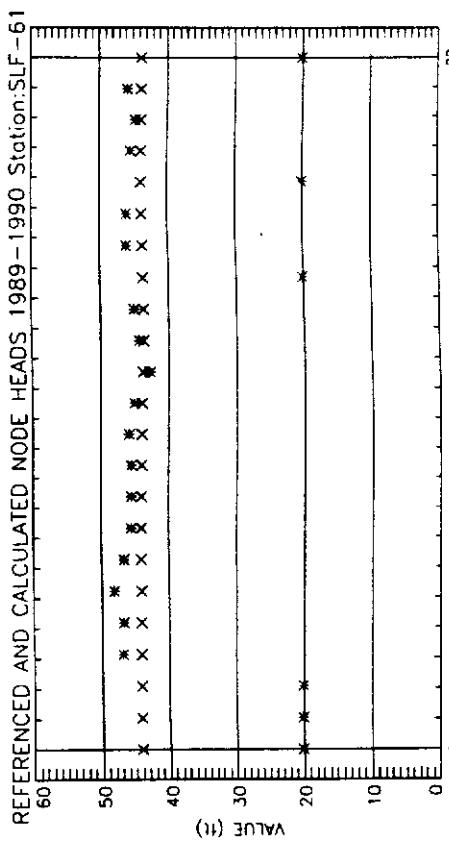


22
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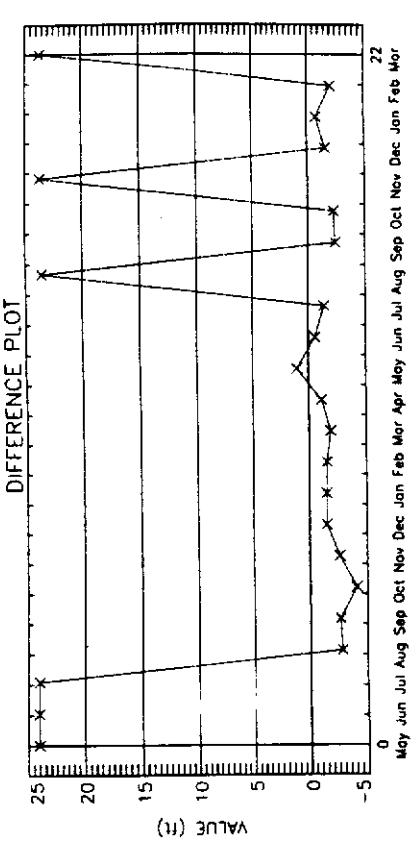


22
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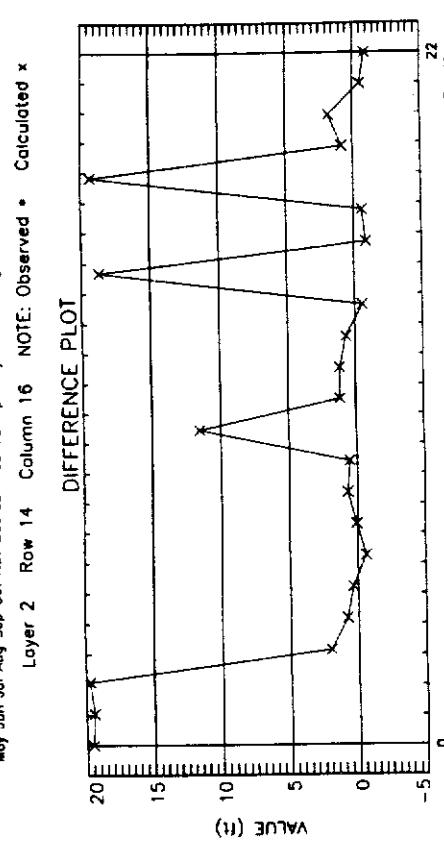
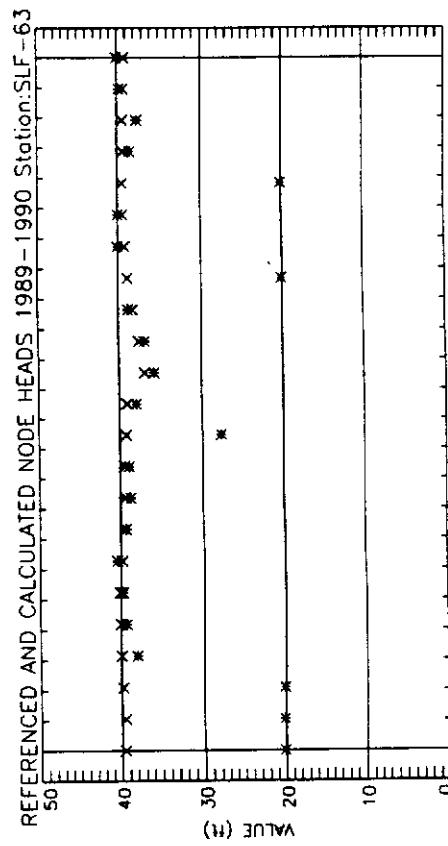
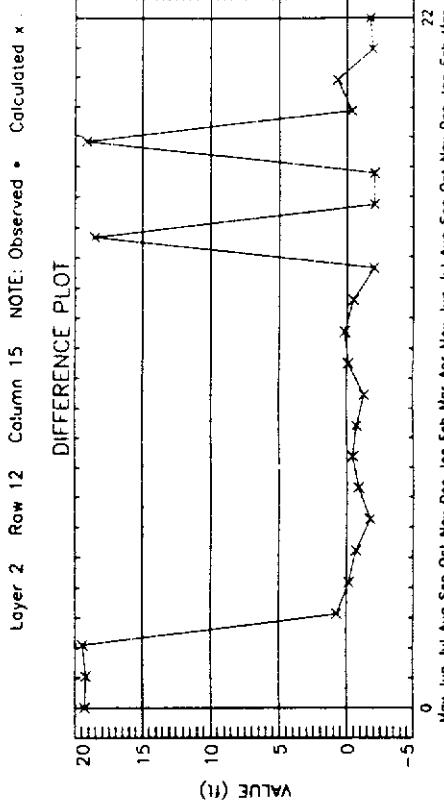
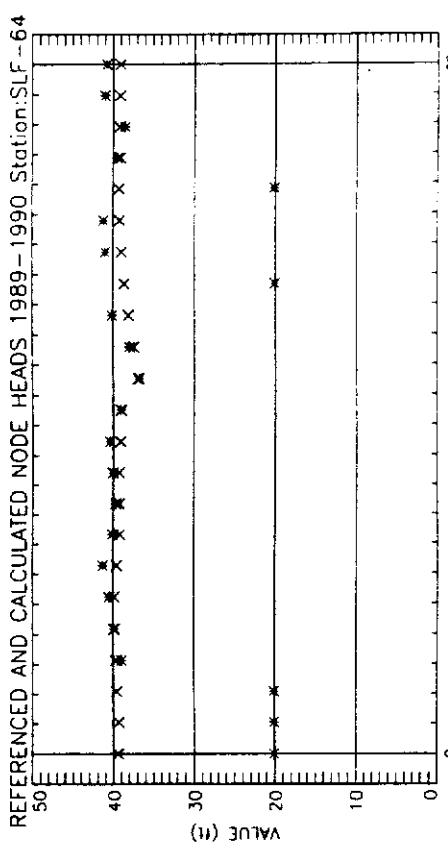


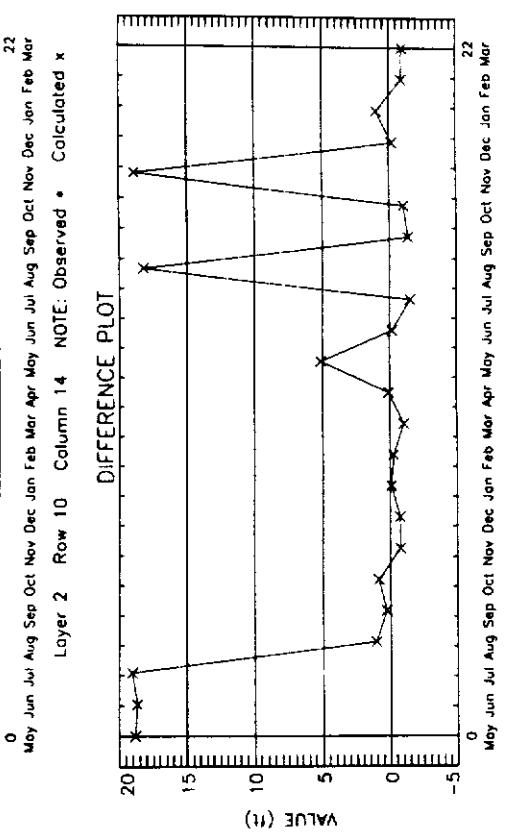
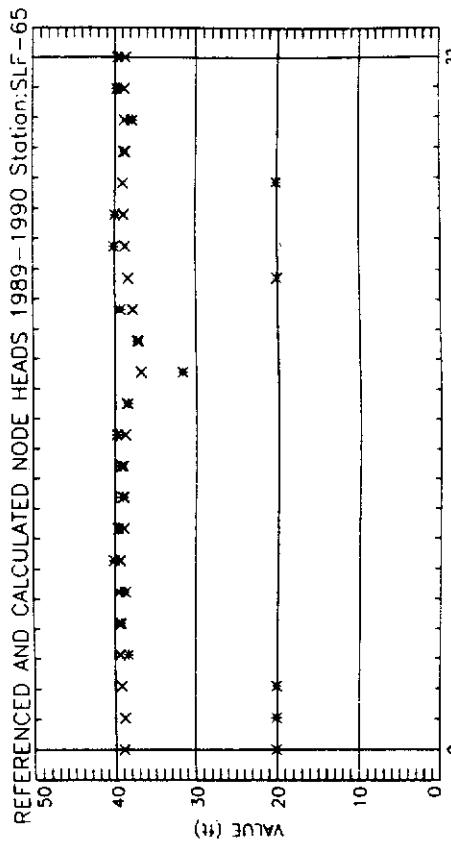
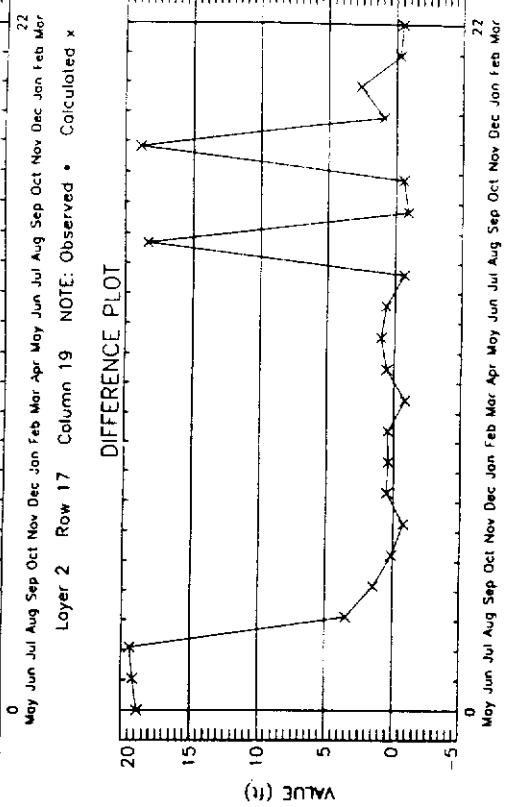
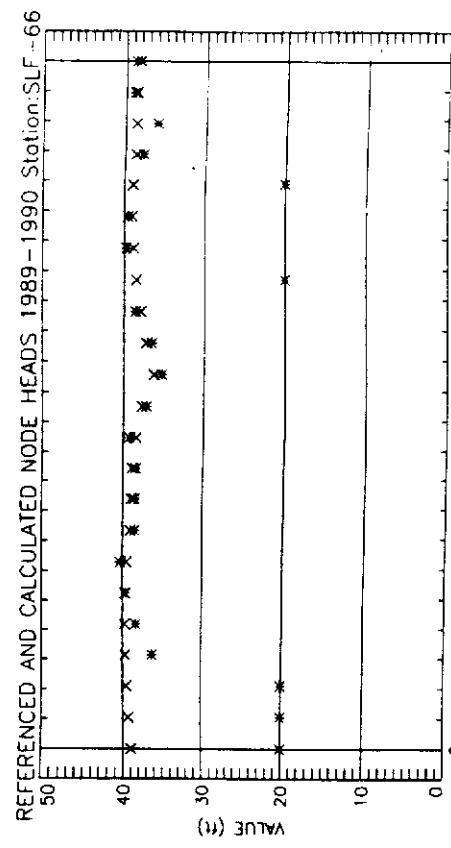
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

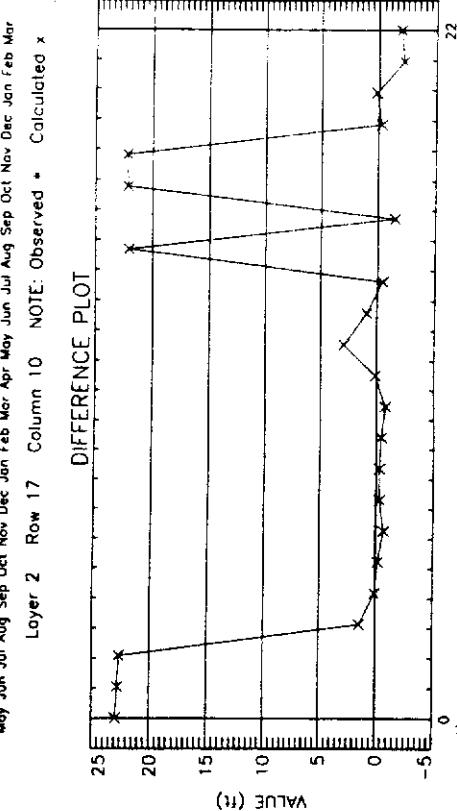
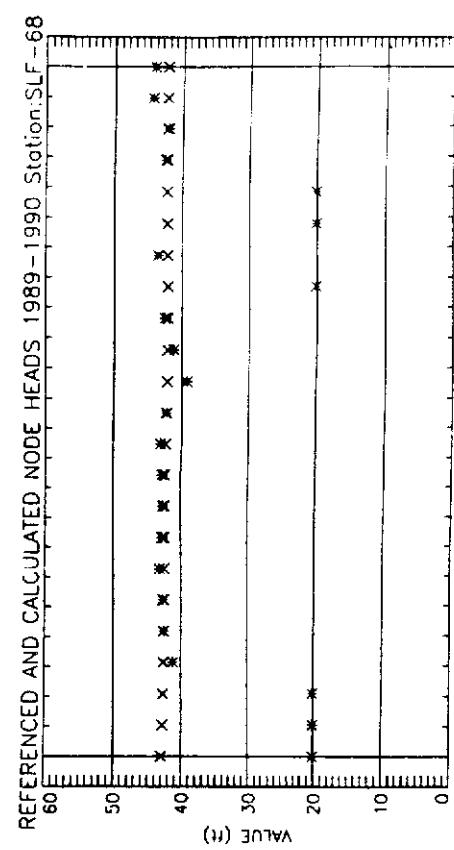
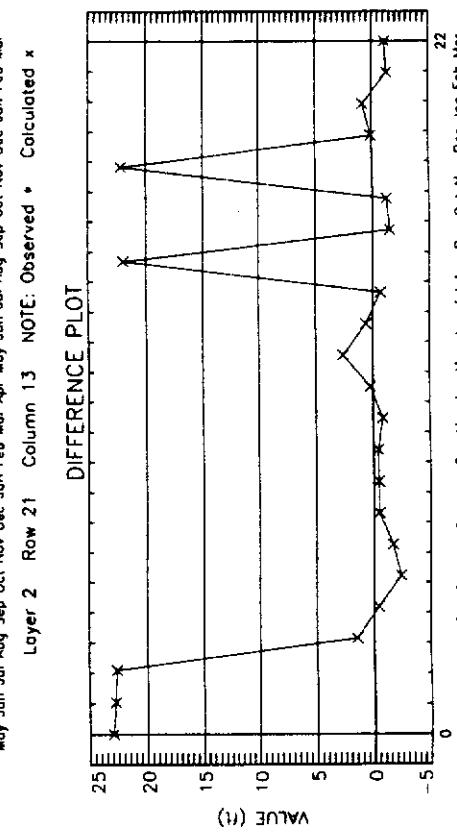
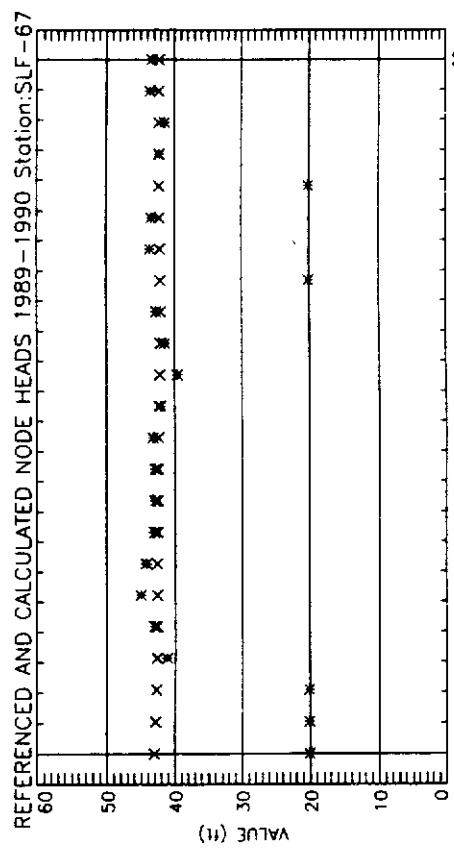
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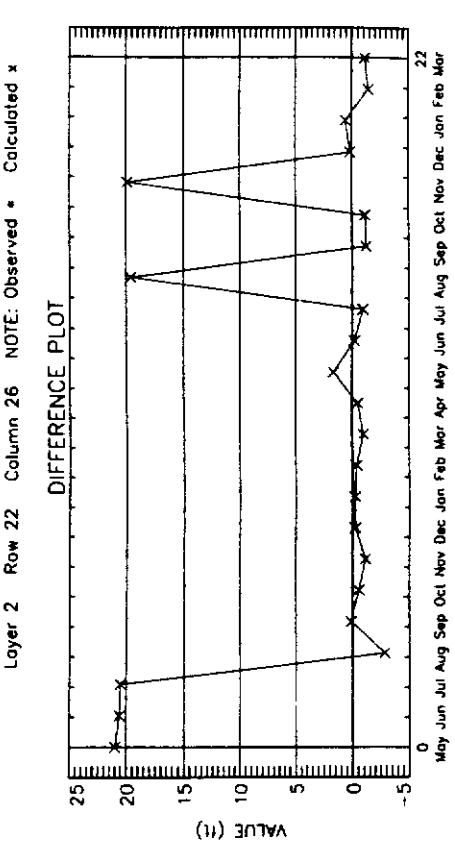
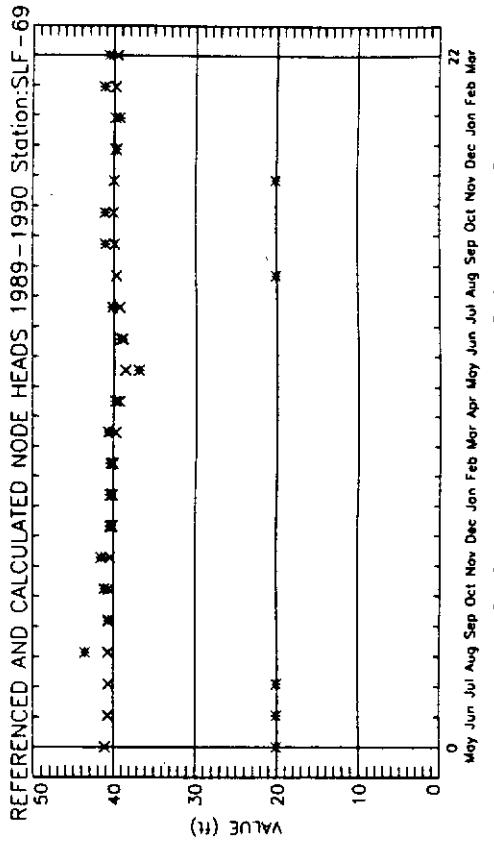
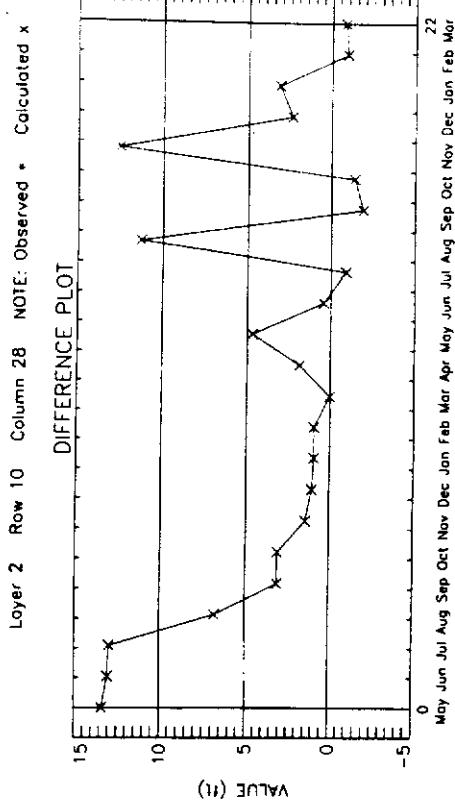
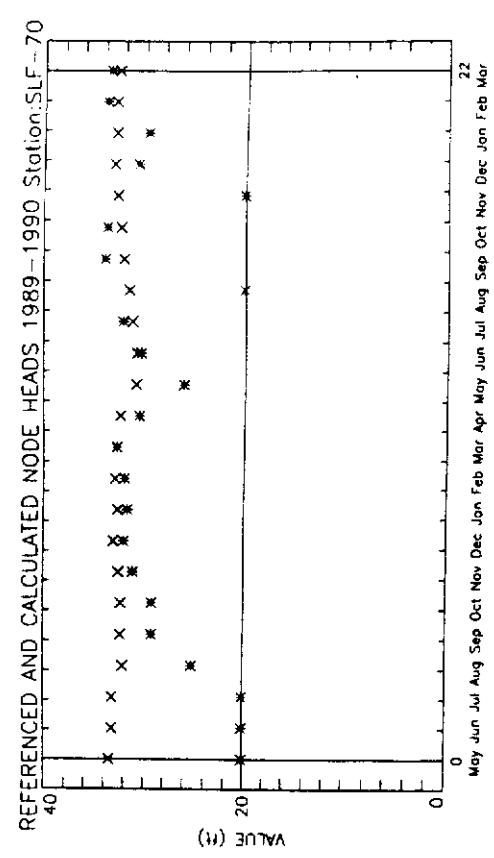


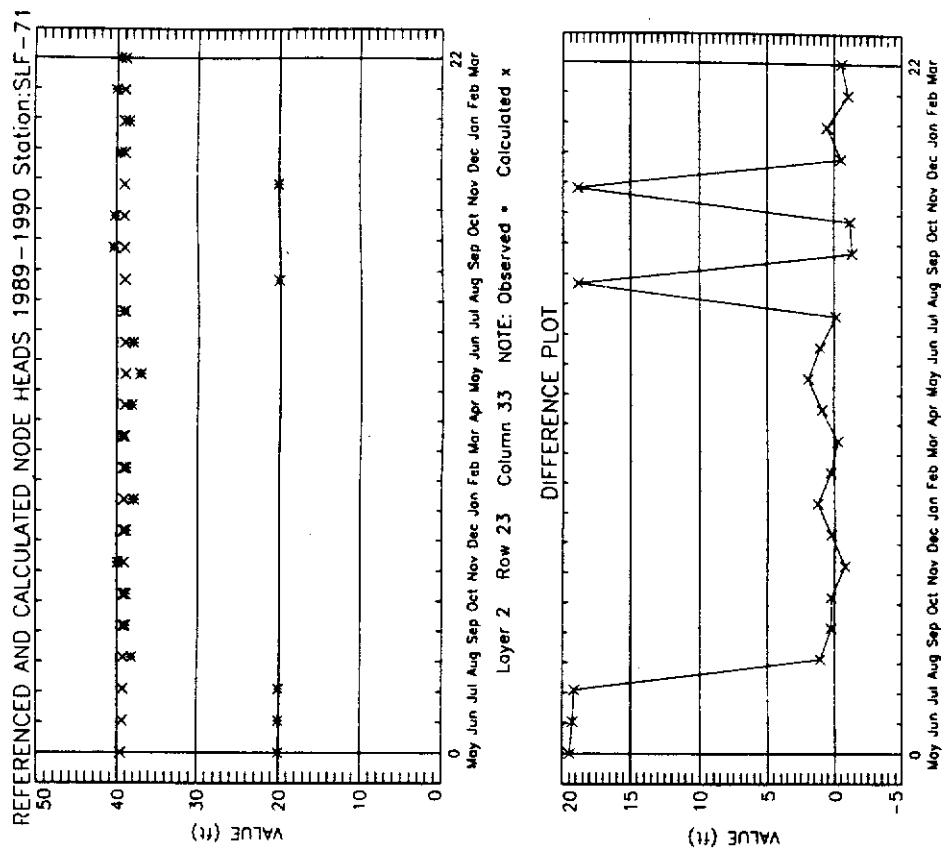
22
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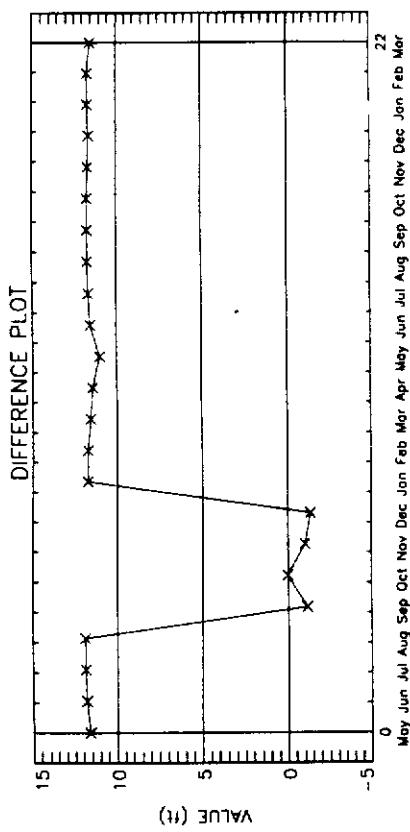
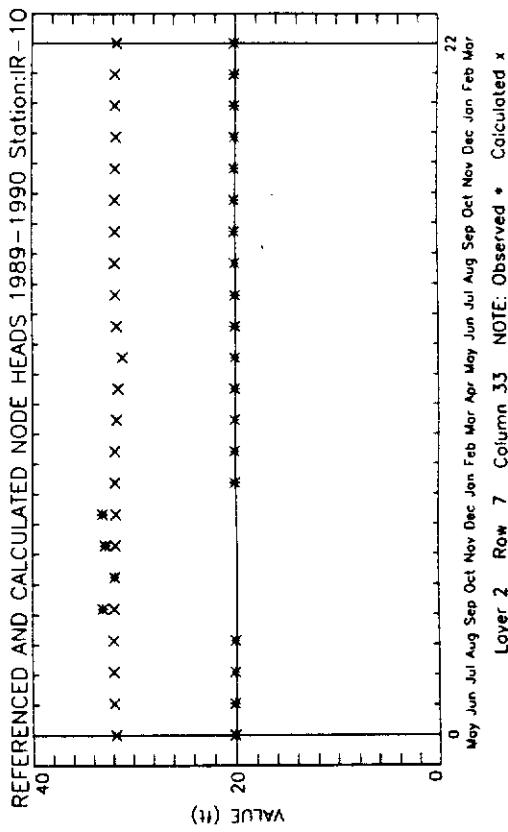
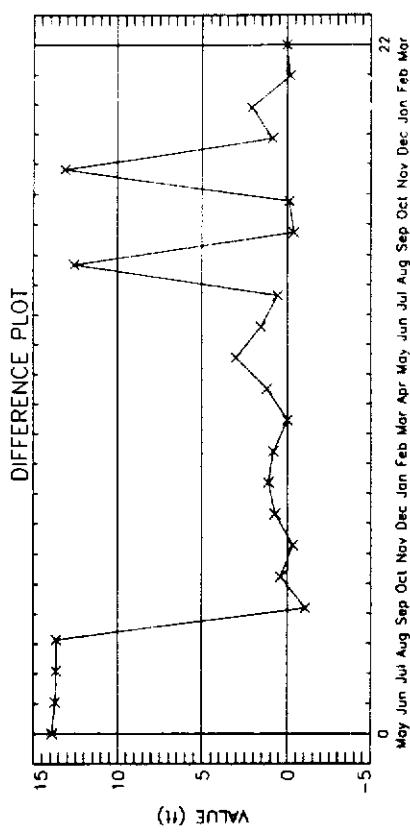
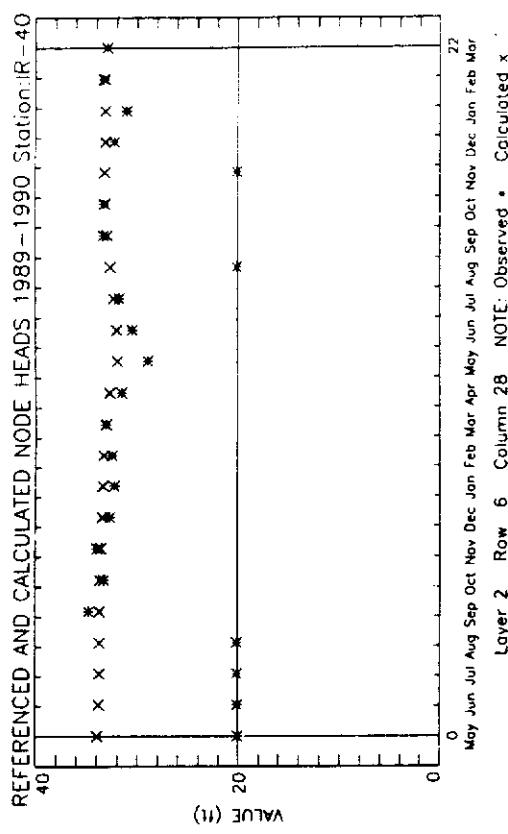


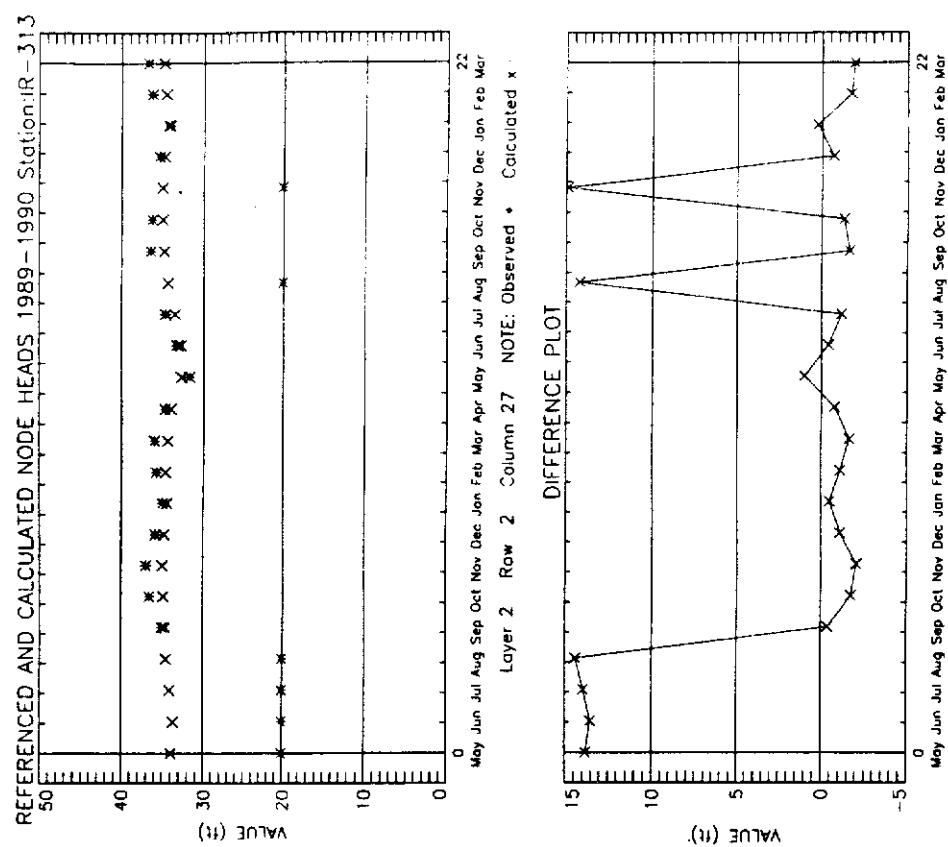
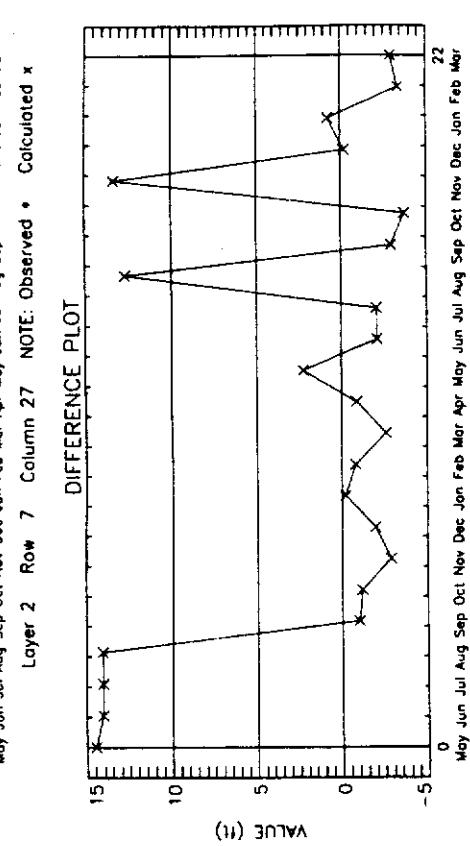
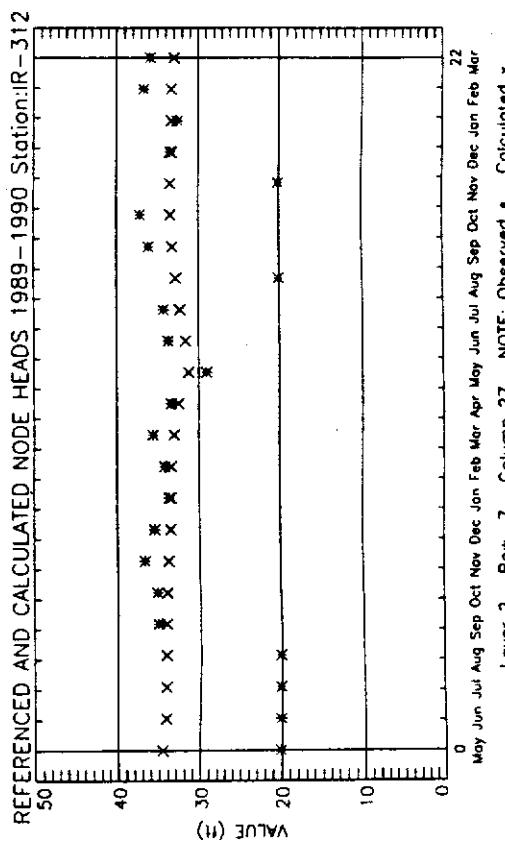


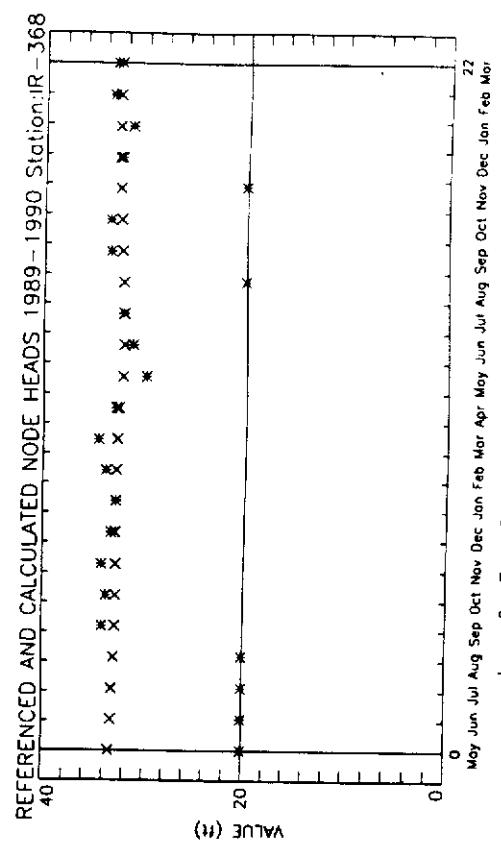




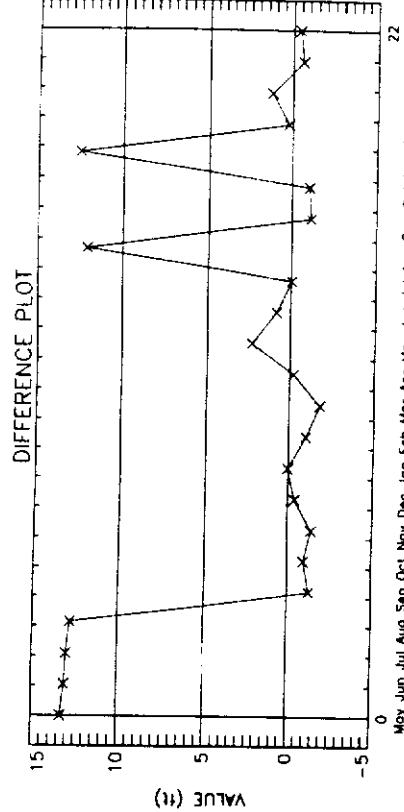




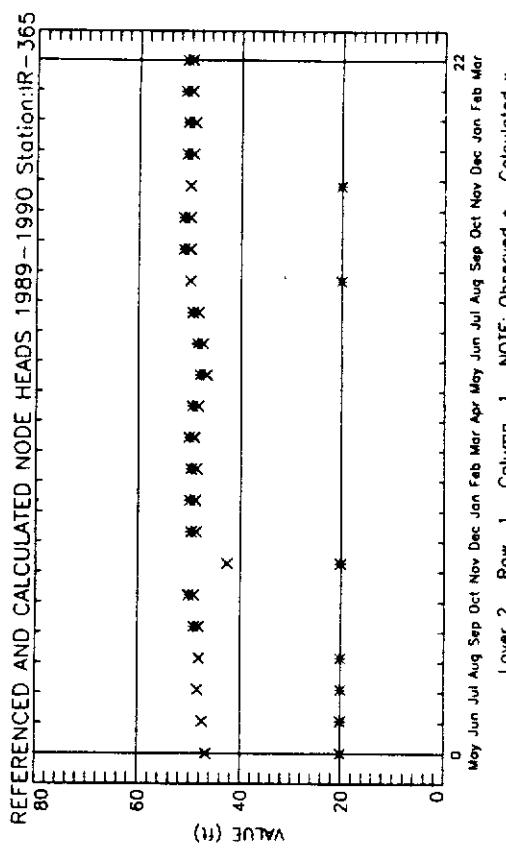




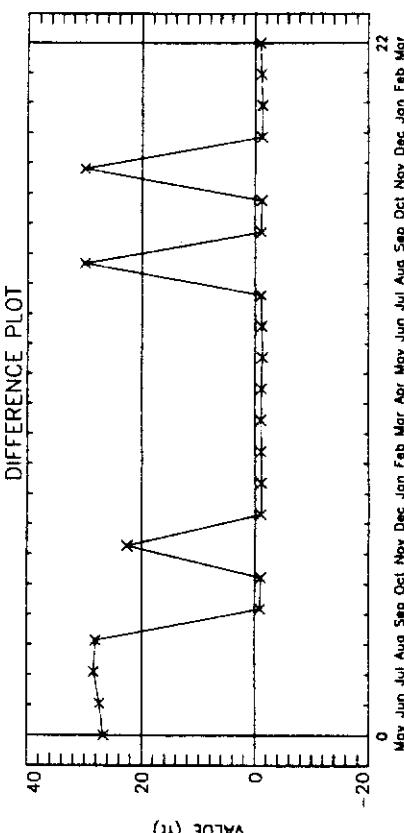
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 8 Column 30 NOTE: Observed • Calculated x



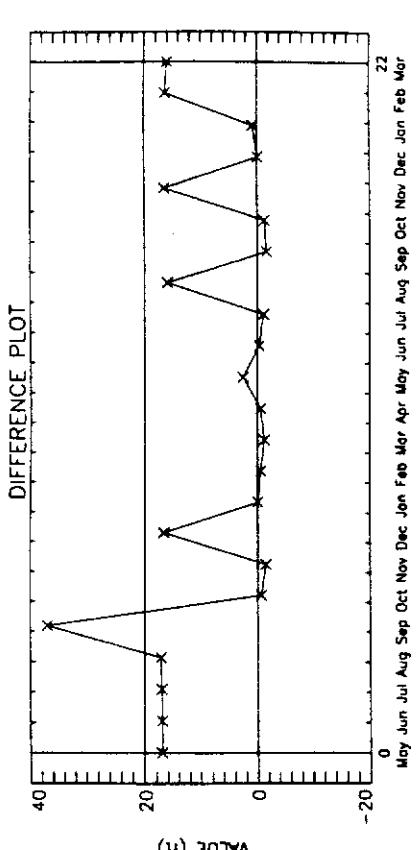
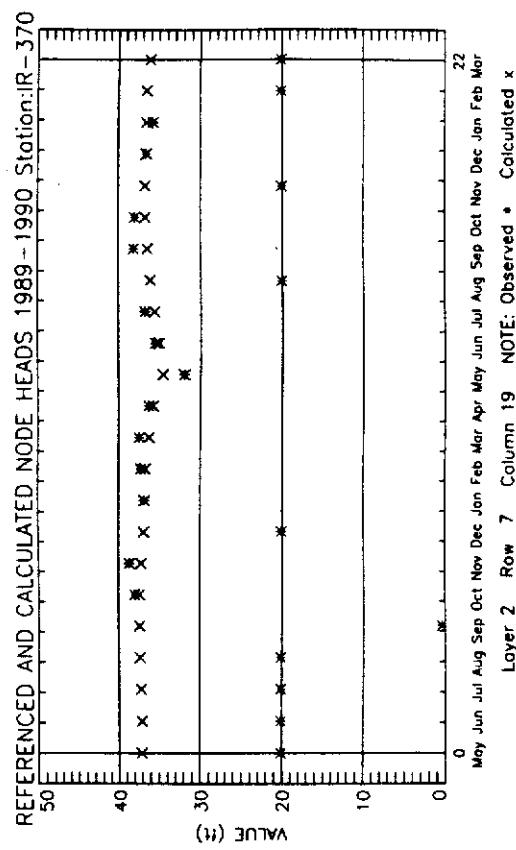
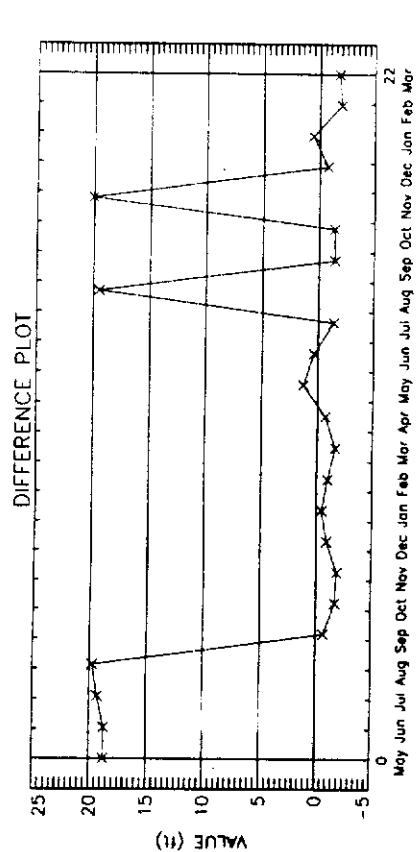
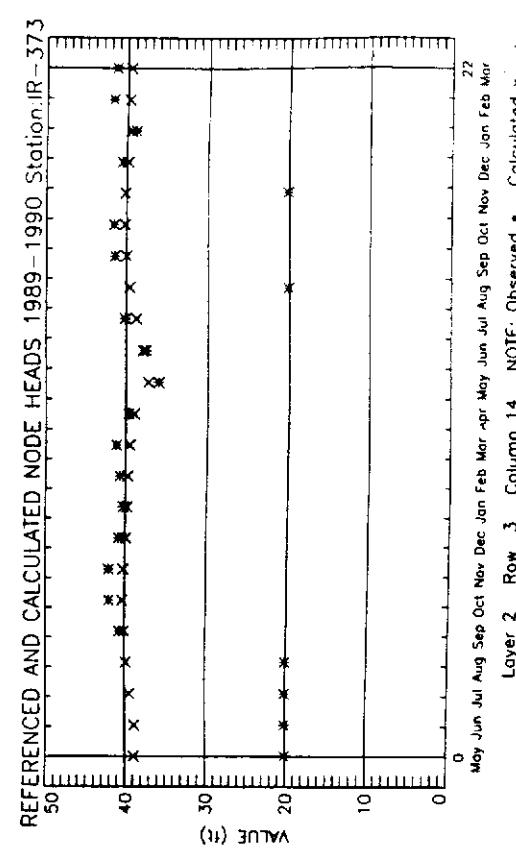
22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
Layer 2 Row 1 Column 1 NOTE: Observed • Calculated x



22
May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar



APPENDIX F
QUESTIONNAIRE RESULTS

APPENDIX F

INTRODUCTION

The following questionnaire was mailed in May 1990 to 360 FAS permittees in the UECPA. The amount returned was 130, a 36 percent return rate. The answers to each question were entered into a software database program named DBASE and the percentage of each type answer was calculated. Answers to Section 2 were used to compute an average number of hours wells were allowed to flow freely for each month in 1989 and 1990. The results are listed in Table 4 of the main report.

QUESTIONNAIRE

SECTION 2 WATER USE HABITS

1) Check each water source used routinely for irrigation.

19% : Surface
31% : Flowing wells
02% : Water Table wells
50% : Combination of Surface and Flowing wells
00% : Other. Please explain below.

2) Check the water source used for frost protection.

14% : Surface
24% : Flowing wells
02% : Water Table wells
60% : Combination of Surface and Flowing wells
00% : Other. Please explain below.

3) Indicate your PRESENT reliance on each of the water sources listed below in percentage during normal yearly irrigation practices (eg. 70% Flowing Wells, 20% Surface Water, 10% Water Table from pumps).

| PERCENT | Water Source |
|------------|--|
| <u>44%</u> | FLOWING WELLS (FLORIDAN AQUIFER SYSTEM) |
| <u>54%</u> | SURFACE WATER BODIES (EG. CANALS, RESERVOIR, ETC.) |
| <u>02%</u> | WATER TABLE AQUIFER (SHALLOW WELLS LESS THAN 200', PUMPED NOT FLOWING NATURALLY) |
| <u>00%</u> | OTHER. PLEASE EXPLAIN OTHER WATER SOURCE BELOW. |

4) Would you say the purpose of the Floridan wells on your property can be summed up as simply insurance water supply in the event of a drought or a freeze?

55% Yes 45% No

The following Section 2 was used to estimate the average hours a Floridan Aquifer System well was allowed to flow freely in each month of the calibration period.

SECTION 2 (continued)

3) During an average, typical year for your Flowing wells ONLY (Floridan Aquifer Wells), please check the months they are used. Indicate number of days used in each month, number of hours in each day and the volume of water per month. We are looking for approximate use and seasonal patterns, not exact figures.

| <u>CHECK MONTH</u> | <u># DAYS/ MONTH</u> | <u>Average # HOURS each DAY</u> | <u>VOLUME (Gallons) Applied for MONTH</u> |
|------------------------|--------------------------|-------------------------------------|---|
| January | Days | Hrs. | Jan. |
| February | | | Feb. |
| March | | | March |
| April | | | April |
| May | | | May |
| June | | | June |
| July | | | July |
| August | | | Aug. |
| September | | | Sept. |
| October | | | Oct. |
| November | | | Nov. |
| December | | | Dec. |

4) During the course of 1989-90, for your Flowing wells only Please check the months they were used. Fill in Days and Hours as above. Here we are asking for 1989 water use, conversely in #2 above we are asking for an average, typical year. The purpose of this question is to compare our water levels from our monitor wells this year with exact water use patterns for the year 1989.

| <u>CHECK MONTH</u> | <u># DAYS/ MONTH</u> | <u>Average # HOURS each DAY</u> | <u>VOLUME (Gallons) Applied for MONTH</u> |
|------------------------|--------------------------|-------------------------------------|---|
| 1989 | | | |
| January | Days | Hrs. | Jan. |
| February | | | Feb. |
| March | | | March |
| April | | | April |
| May | | | May |
| June | | | June |
| July | | | July |
| August | | | Aug. |
| September | | | Sept. |
| October | | | Oct. |
| November | | | Nov. |
| December | | | Dec. |

1990

| | | | |
|----------|------|------|-------|
| January | Days | Hrs. | Jan. |
| February | | | Feb. |
| March | | | March |

Briefly describe how the flowing wells are used for freeze protection. Are the wells opened continuously and for how long before and after a frost warning?

Typical year: _____

The average response was:

57 Hours before a freeze

10 Hours after a freeze

1989: December 24, 1989 and Feb 2, 1990.

SECTION 3
WATER QUALITY AND QUANTITY

1) Over the course of time has the quality (saltiness) of water from your flowing wells :

02% IMPROVED

13% DETERIORATED

85% REMAINED THE SAME

How many years have the wells been in use ?

25.5 years

2) Since you have been using the FLOWING WELLS, what have you observed about the flow pressure (water quantity) ?

24% The amount of water naturally flowing now is less than the flow I used to get.

0% I now get more flow than before.

76% I have not observed any change in the amount of flow.

If you checked the first choice above, in your opinion is the decrease of flow attributed to the aging well condition OR is it due to less water pressure currently available in the aquifer.

54% : less pressure in the aquifer system.

46% : Aging, corroded pipe and possible cavings downhole.

3) Over the course of the last few years has your reliance on flowing wells :

12% Increased

43% Decreased

45% Remained the same